Vol. XXVII. Part 6.

[Registered at the General Post Office, Melbourne, for transmission by Post as a Newspaper.]

The Journal of the Department of Agriculture of Victoria, Australia.

June, 1929.

PRINCIPAL CONTENTS

The Relation between Flag Smut Infection and Manurial Treatment

Egg-laying Competition 1928-29—Report and Details of Final Results

Standard Herd Records—March 1929 Quarter

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VICTORIA, AUSTRALIA.

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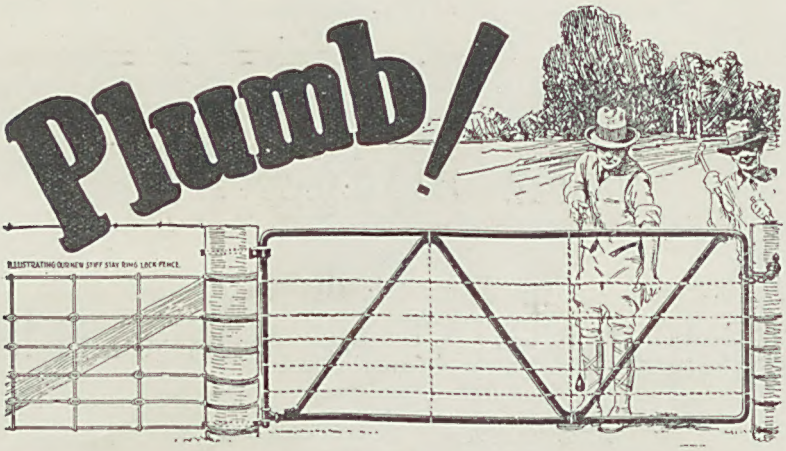

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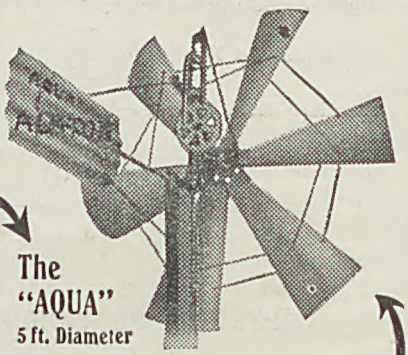

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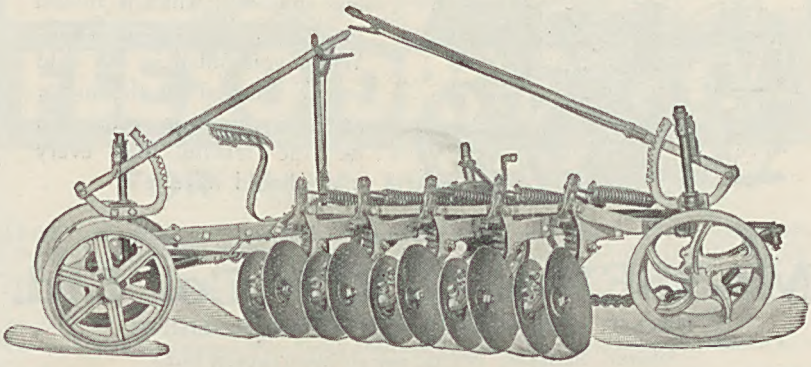

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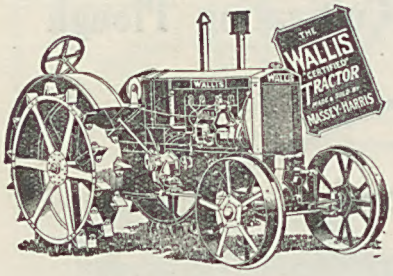

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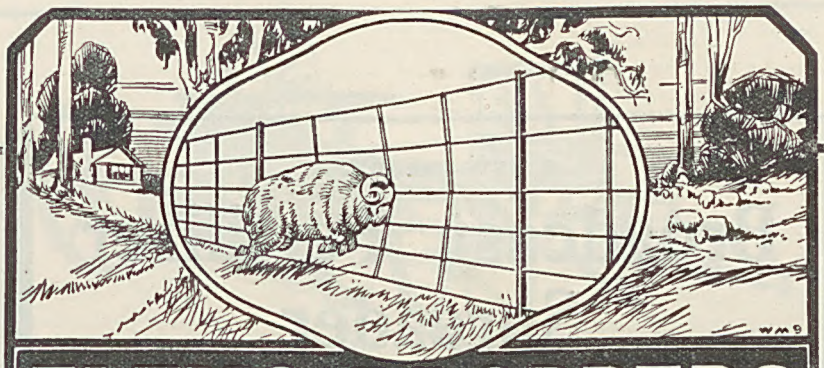

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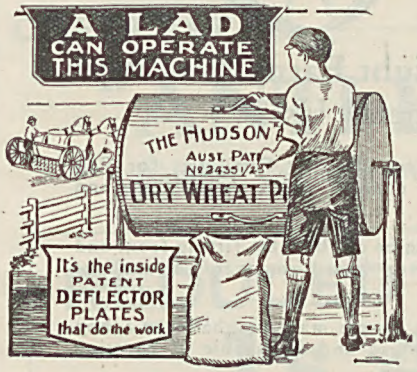

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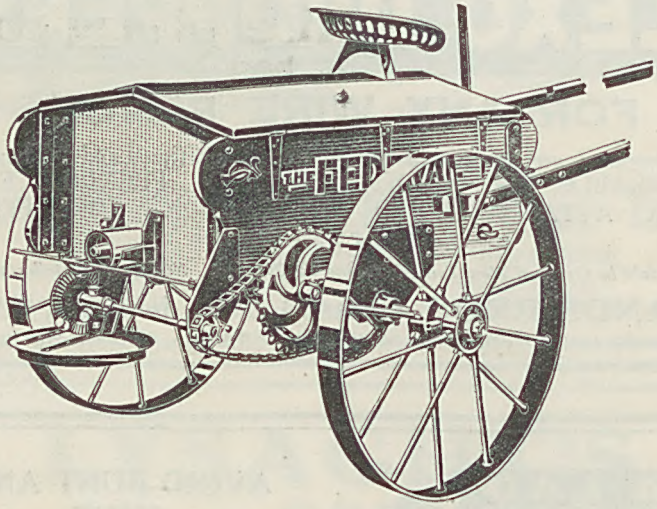

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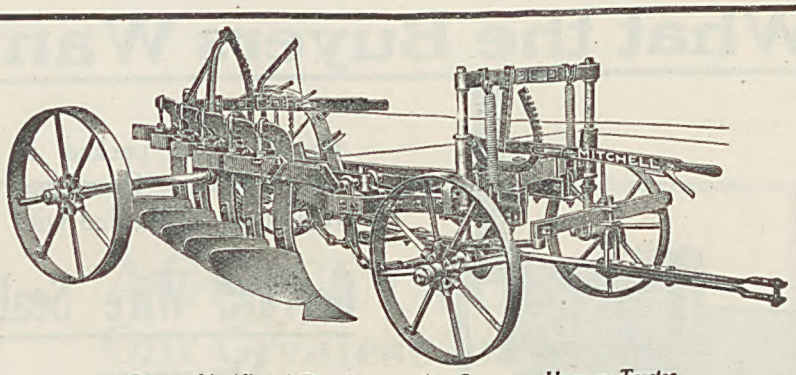

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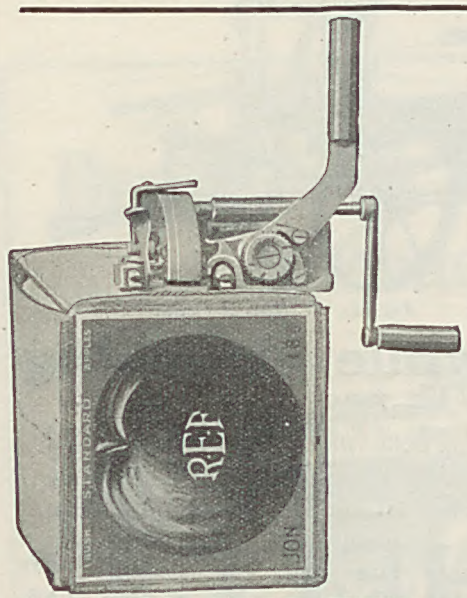

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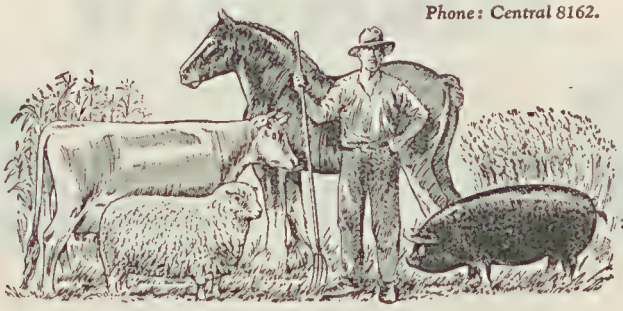

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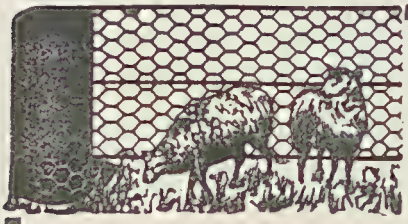

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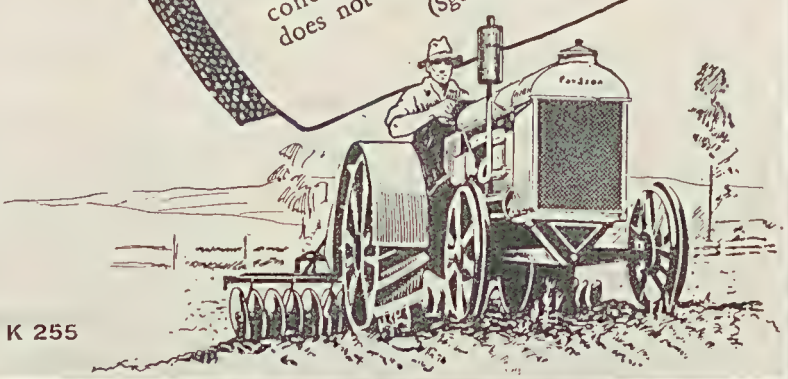

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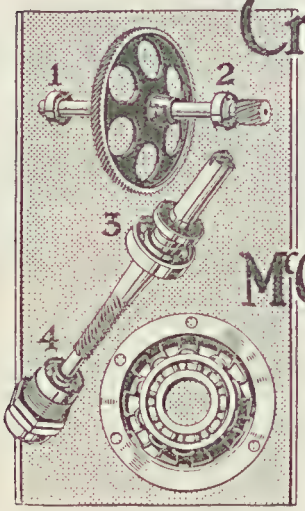

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THE JOURNAL

OF THE

Department of Agriculture

OF

VICTORIA.

Vol. XXVII. June, 1929. Part 6

THE RELATION BETWEEN FLAG SMUT INFECTION AND MANURIAL TREATMENT.

SOME NOTES ON OBSERVATIONS MADE IN THE PERMANENT MANURIAL FIELD AT THE STATE RESEARCH FARM, WERRIBEE.

By H. C. Forster, B.Ag.Sc., and A. J. Vasey, B.Ag.Sc., Agricultural Research Officers.

1. Introduction.

2. The History of the Permanent Manurial Field.

3. Observations and Counts.

4. Conclusions.

Introduction.

The first observation of Flag Smut at Werribee was made by Mr. C. C. Brittlebank when an infected plant was found in the Permanent Manure Field on a plot receiving 1 cwt. of superphosphate and 20 cwt. of lime per acre. During the past twelve years the severity of the infection has increased to a marked extent on some of the plots. Previous casual observations had suggested an intensity of the infection differing with the various manurial treatments, and in December, 1926, more detailed observations were undertaken. These were developed in 1927 and 1928 into counts of the number of diseased plants in samples pulled from the various plots. At first it was hoped to demonstrate a heavier infection on the limed plots, and thus corroberate observations made in the Mallee on limestone land. During the progress of the investigation, however, some further points of interest were noted.

The History of the Permanent Manurial Field.

The Permanent Manurial Field was laid down in 1913, and comprised 40 plots, each of a quarter of an acre in area. Of these, 21 were, in any one year, sown down to wheat, the rest being under bare fallow. This rotation—wheat-fallow-wheat—was continued over the whole area of the field until 1921, when, with a view to determining the effect of the same fertilizers on oats, the plots were halved. Thus the field now contains 80 plots each an eighth of an acre in area. The arrangement of the plots is shown in the plan below. They have received their respective manurial dressings in alternate years since 1913, with

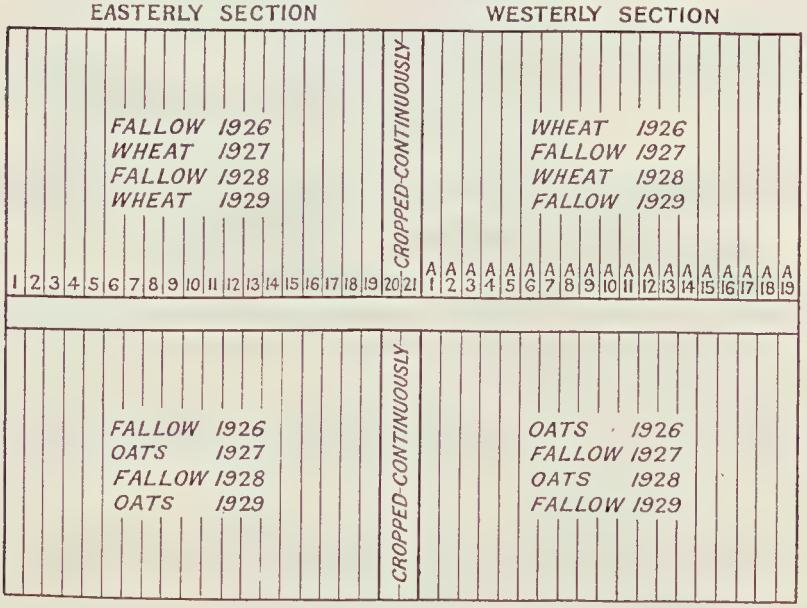


Fig. 1.—Plan of the Permanent Manurial Field at the State Research Farm, Werribee.

the exception of 1925 in the case of the eastern half, and 1926 in the case of the western half, when tests of the residual effect of the various fertilizers were conducted

The various manurial treatments corresponding to the numbers of the plots shown on the plan (Fig. 1) will be found in Table 1.

Observations and Counts.

1926.

In December, 1926, when the first observations were made, the A section (westerly) was under crop. No manure had been applied in this season, as the Residual Effect Trial was in progress, and this, combined with a fairly dry season, resulted in very poor crops, and in consequence allowed a fairly easy counting of the plants.

The method decided on in making these observations was as follows:—

Counts were made of the number of diseased plants in two rows of each plot, and, on the basis of the figures so obtained, a marking was given on an arbitrary standard (0-5). Allowance necessarily had to be made for the varying populations per row.

The results obtained are shown in the following table and in the graph on page 324 (Fig. 2):—

TABLE 1.—RESULTS OF OBSERVATIONS MADE FOR FLAG SMUT INFECTION ON PLOTS IN THE PERMANENT MANURIAL FIELD, 1926.

Plot.	Manurial Treatment.	Standard of Infection.
21	Super. 1 cwt. (cropped continuously)	0
20	No Manure (cropped continuously)	0
1A	Super. 1 cwt.	1·5
2A	Farmyard Manure 10 tons	2·0
3A	Farmyard Manure 10 tons + Lime 10 cwt.	4·0
4A	No Manure	1·5
5A	Super. ½ cwt.	1·0
6A	Super. 1½ cwt.	0·5
7A	Super. 2 cwt.	0·5
8A	Super. 1 cwt. + Nitrate of Soda ½ cwt.	1·0
9A	Super. 1 cwt. + Nitrate of Soda ½ cwt. (in Spring)	1·5
10A	Super. 1 cwt.	1·5
11A	Super. 1 cwt. + Sulphate of Potash ½ cwt.	1·5
12A	Super. 1 cwt. + Sulphate of Potash ½ cwt. + Nitrate of Soda ½ cwt.	1·5
13A	Bone Fertilizer 1 cwt.	1·5
14A	Thomas's Phosphate 1 cwt.	4·0
15A	Super. ½ cwt. + Thomas's Phosphate ½ cwt.	3·0
16A	Super. 1 cwt. + Lime 5 cwt.	4·0
17A	Super. 1 cwt. + Lime 10 cwt.	5·0
18A	Super. 1 cwt. + Lime 20 cwt.	4·0
19A	Super. 1 cwt.	3·5

While the methods described above prevented any great reliability of results, the indications obtained were interesting and useful in concentrating the sphere of future work. In consequence it was decided to make more accurate observations on the lime, Thomas's phosphate and farmyard manure series during the next season.

1927.

During the early part of 1927, a statistically reliable method of sampling for the study of the growing crop was developed. This was applied to the Flag Smut observations which were made in October.

The following method was adopted:—Ninety samples, each of one foot length of drill row, were taken from each plot. They were distributed over the plot as shown in the arrangement in the plan (Fig. 3), i.e., an organized scatter.

As the plots were 30 rows wide, three samples were taken from each row. The plants obtained by the sampling were removed to the laboratory where the counts were made. Experience at Werribee indicates that only a low degree of accuracy can be obtained with counting in the field.

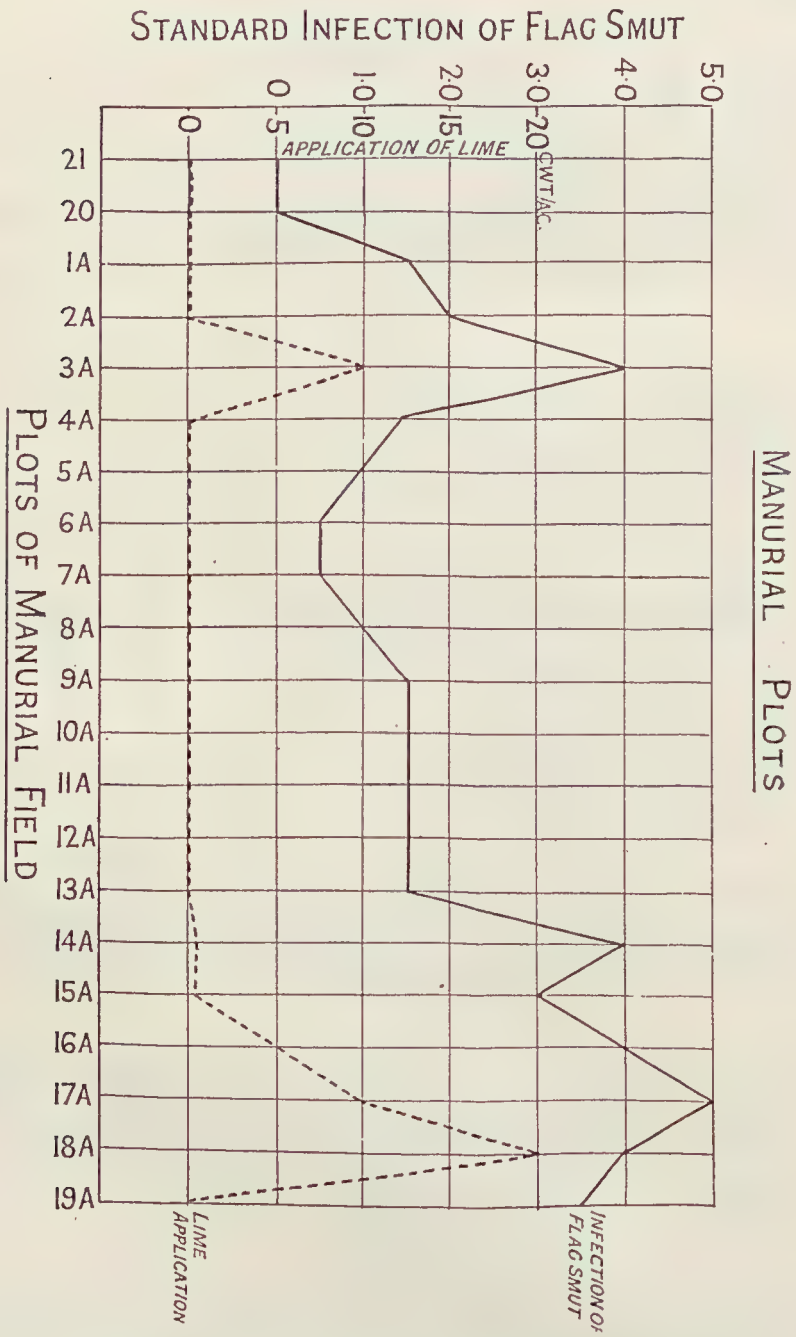


Fig. 2.—Graph showing the relation of Flag Smut Infection and Manurial Treatment in Plots of the Permanent Manurial Field, 1926.

TABLE 2.—RESULTS OF COUNTS MADE FOR FLAG SMUT INFECTION OF SAMPLES DRAWN FROM VARIOUS PLOTS IN THE PERMANENT MANURIAL FIELD, 1927.

Plot.	Manurial Treatment.	Total Number of Plants.	Number of Diseased Plants.	Percentage Diseased Plants.
19	Super. 1 cwt.	496	16	3·2
18	Super. 1 cwt. + Lime 20 cwt.	713	94	13·2
17	Super. 1 cwt. + Lime 10 cwt.	710	95	13·4
16	Super. 1 cwt. + Lime 5 cwt.	615	47	7·6
15	Super. 1 cwt. + Thomas's Phosphate ½ cwt. ..	543	21	3·9
14	Thomas's Phosphate 1 cwt.	544	42	7·7
10	Super. 1 cwt.	568	8	1·4
4	No Manure	624	12	1·9
3	Farmyard Manure 10 tons + Lime 10 cwt. ..	599	88	14·7
2	Farmyard Manure 10 tons	583	40	6·9
1	Super. 1 cwt.	642	6	0·9

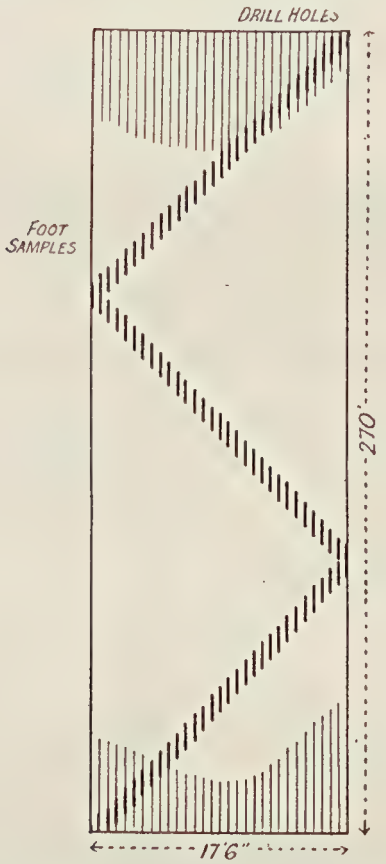


Fig. 3.—Plan showing organized scatter of samples over the Manurial Plot.

These results serve to establish the fact that there is a definite relation between the application of lime and flag smut infection, whether the lime be applied either directly or indirectly as in Thomas's

phosphate. Further, the use of farmyard manure also increased the infection. This manure is likely to be infected owing to the practice of feeding chaff cut from "shandy hay" (wheat and oats), though the straw used for bedding is usually oaten straw. Thus it was thought probable that it was in this manner that the infection was increased.

1928.

In October, 1928, samples were again drawn from plots given the same manurial treatment as in 1927, except that instead of Plot 14 (Thomas's phosphate, 1 cwt.) and Plot 15 (Thomas's phosphate, ½ cwt. + super. ½ cwt.) the plots receiving the heavier dressings of superphosphate were substituted. While interesting results were obtained from the Thomas's phosphate plots during the two preceding years, showing increased flag smut infection approximately proportional to the lime content of the manure, it was thought to be of greater economic importance under Australian conditions to demonstrate whether or not increased dressings of superphosphate decreased the flag smut infection.

Further experience with the method of crop sampling adopted in 1927 indicated that a sufficient degree of accuracy could be obtained with 50 samples per plot instead of 90 as previously taken. Similar methods of sorting and counting the plants were employed as in 1927.

Composite soil samples were obtained from each plot, and these were submitted for pH value determination (Hydrogen Ion concentration) as the best measure of the degree of the alkalinity, if any, resulting from the manurial treatment. These values will be found in the last column of Table 3.

TABLE 3.—RESULTS OF COUNTS MADE FOR FLAG SMUT INFECTION ON SAMPLES DRAWN FROM VARIOUS PLOTS IN THE PERMANENT MANURIAL FIELD, 1928.

Plot.	Manurial Treatment.	Total Number of Plants.	Number of Diseased Plants.	Percentage Diseased Plants.	pH Values.
1A	Super. 1 cwt.	464	17	3·7	5·8
2A	Farmyard Manure 10 tons ..	528	90	17·0	6·0
3A	Farmyard Manure 10 tons + Lime 10 cwt.	539	155	28·8	7·8
4A	No Manure	522	23	4·4	5·5
5A	Super. ½ cwt.	496	11	2·2	5·5
6A	Super. 1½ cwt.	502	11	2·2	5·7
7A	Super. 2 cwt.	477	13	2·7	5·6
16A	Super. 1 cwt. + Lime 5 cwt. ..	456	50	10·9	6·9
17A	Super. 1 cwt. + Lime 10 cwt. ..	535	77	14·4	8·0
18A	Super. 1 cwt. + Lime 20 cwt. ..	555	63	11·3	8.3
19A	Super. 1 cwt.	471	19	4·0	6·0

Notes on Table 3.

The nigher infection on the lime plots was again apparent, but as in previous years the application of a further 10 cwt. of lime in the case of Plot 18A over the dressing of superphosphate 1 cwt. + lime 10 cwt. of Plot 17A, did not result in an increased infection.

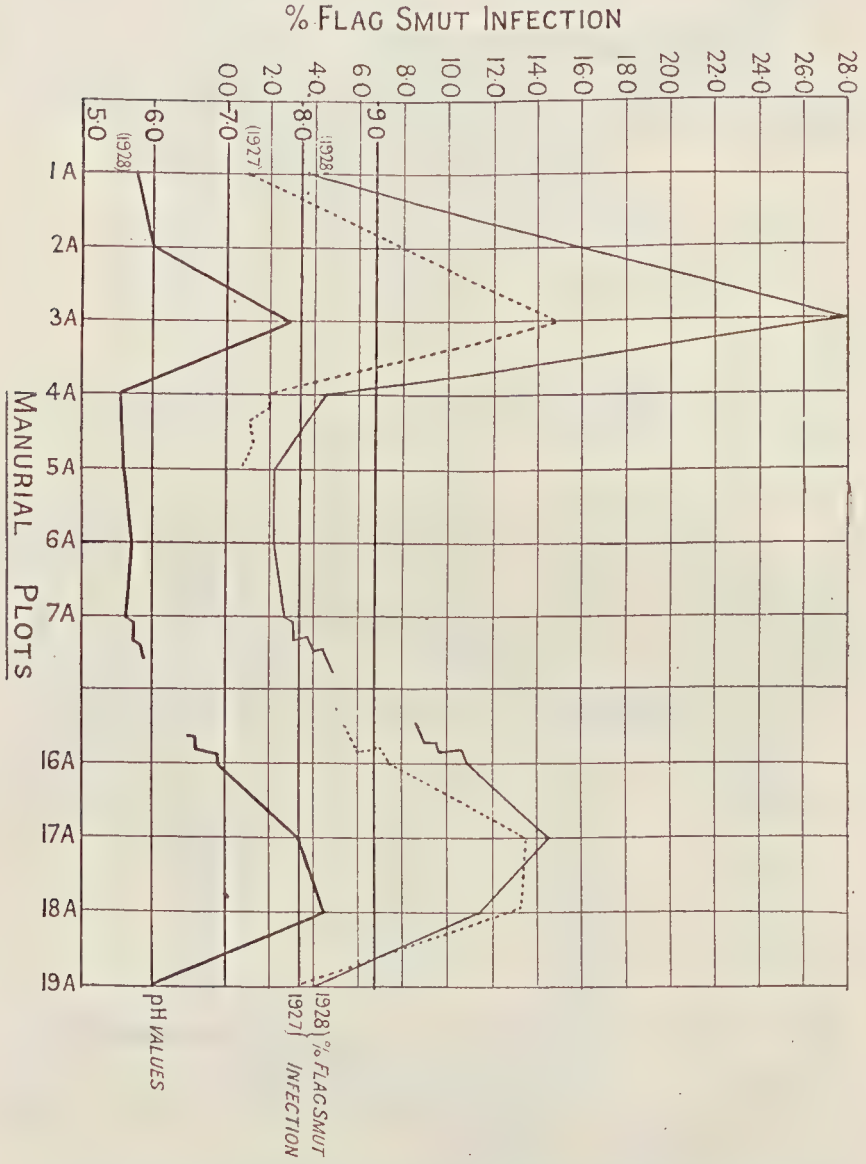


Fig. 4.—Graph showing the Relation of Flag Smut Infection and Manurial Treatment in the Permanent Manurial Field, Werribee, 1927 and 1928.

The relation between increase in lime application, increase in the alkalinity as measured by the pH value, and the increase in flag smut infection up to this point (10 cwt. per acre), is remarkable.

There are three possibilities in connexion with the effect of the lime applications—

(1) the production of an alkaline medium favorable to the development of the fungus.

(2) the effect of such a medium in increasing the susceptibility of the host plant to the disease;

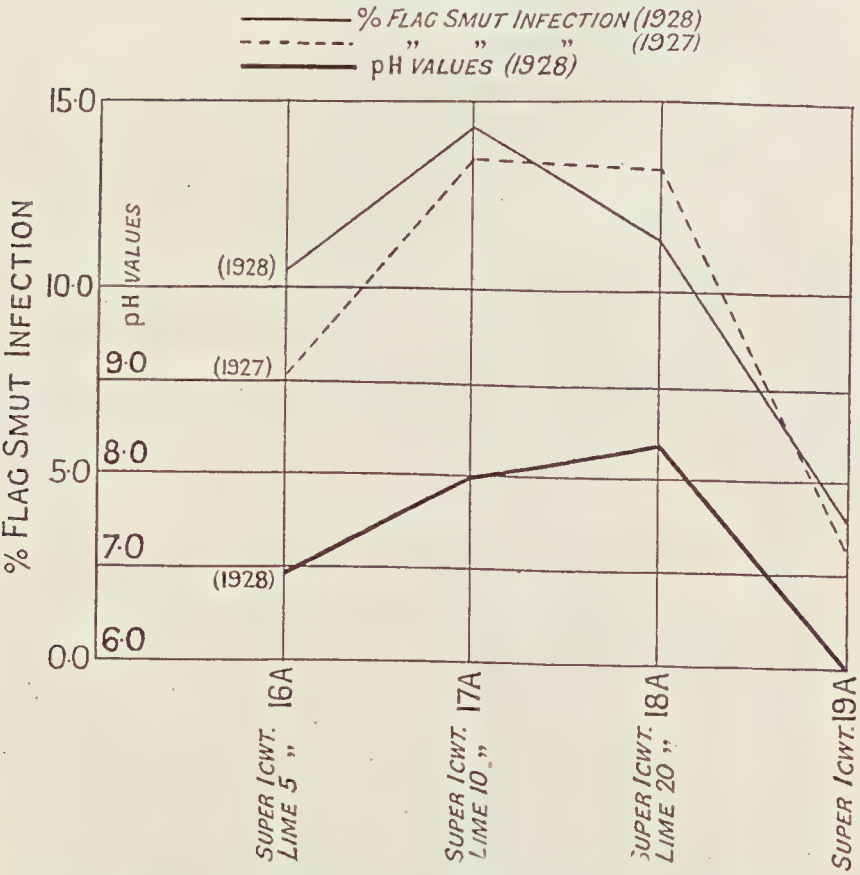


Fig. 5.—Graph showing the Relation of Flag Smut Infection and Increased Application of Lime, 1927 and 1928.

(3) the effect of the calcium applied in the lime dressing in either or both of two ways—

(*a*) on the fungus.

(*b*) on the host plant.

The highest infection was noted in the case of the farmyard manure series. The application of the manure to these plots resulted in a very heavy infection on Plot 2A, while the effect on Plot 3A, which received 10 cwt. of lime in addition, was disastrous.

While 10 tons of farmyard manure was responsible for 17.0 per cent. infection with but slight increase in the pH value, the addition of 10 cwt. of lime giving a pH of 7.8 resulted in 28.8 per cent. diseased plants.

Again there are three possible ways in which this increase in infection is brought about by the application of farmyard manure—

(1) the introduction of diseased material in the manure (for origin of which see above);

(2) the organic matter applied provides a medium for the saprophytic growth of the fungus during the fallow period between crops.

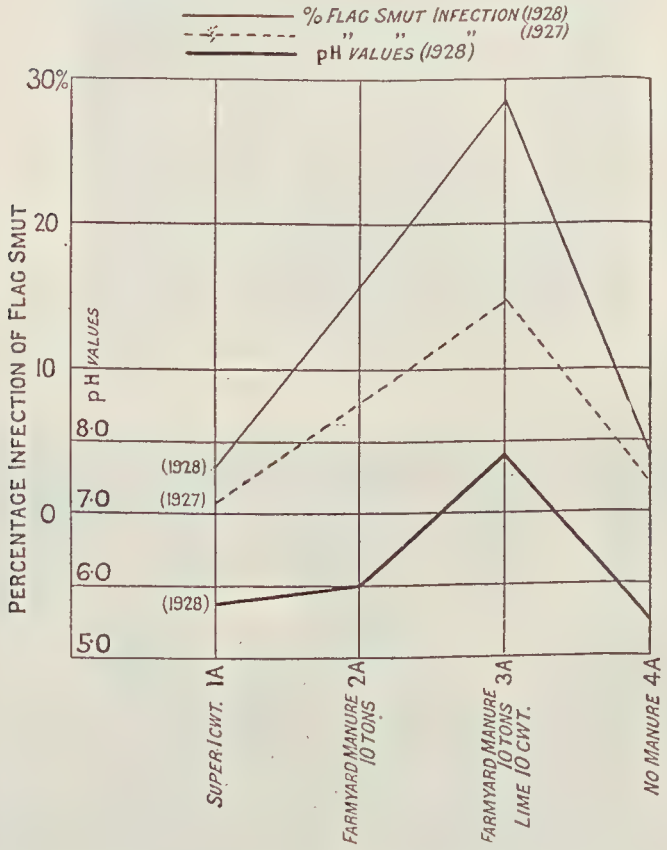


Fig. 6.—Graph showing the Flag Smut Infection in Plots in the Farmyard Manure Series, 1927 and 1928.

(3) the effect of the humus resulting from this treatment in increasing the moisture and nitrogen content of the soil and the consequent type of growth of the plant, which may be more susceptible to the disease.

McAlpine, in his *Smuts of Australia*, reports having obtained only slight infection of plants where diseased hay was fed to a horse and

the manure used as an inoculum. He further reports that, from his plot experiments, infection was more virulent from diseased straw in the soil than from spores dusted on to the seed. It would appear, therefore, that the second and third of the possibilities stated above are worthy of further consideration.

The third series of the 1928 observations was on the effect of varying applications of superphosphate on infection with the disease. While a decrease in the percentage infection is shown in favour of the dressing of ½ cwt. per acre over no manure, little significance can be attached to this difference as the higher infection on the no manure plot is probably due to the spread of the disease from the adjacent farmyard manure and lime plot. The heavier dressings of 1½ and 2 cwt. per acre of superphosphate had no appreciable effect on the disease.

It is interesting to note that, despite popular opinion to the contrary, long continued application of "acid" superphosphate has made no appreciable difference to the acidity of the soil as expressed by the pH value, in any of the four plots in this series.

In an attempt to obtain the chemical and pathological explanation of the facts recorded above, the work is being continued in close co-operation with the specialists concerned.

During the progress of the work here described and other allied investigations, some general observations have been recorded on the susceptibility or resistance of different varieties to the disease, and as to whether these qualities could be correlated with any particular type of growth. While such observations cannot be included in a paper of this nature, we would be glad to submit them to any interested workers on this disease.

Conclusions.

During the three years 1926, 1927, 1928, observations and counts were made on the occurrence of Flag Smut (*Urocystis tritici*) under various manurial treatments in the Permanent Manurial Field at the State Research Farm, Werribee.

It was found—

(1) that there is a close relation between the application of lime up to 10 cwt. per acre and the percentage of flag smut infection;

(2) that the application of the local farmyard manure also results in an increased infection;

(3) that where the combined effect of both farmyard manure and lime is obtained, infection is particularly severe;

(4) that the 1928 observations show no appreciable effect of the various applications of superphosphate on the percentage infection with the disease.

BURNLEY EGG-LAYING COMPETITION, 1928-29.

(From 1st April, 1928, to 2nd March, 1929.)

By H. F. Clinton and W. O. Pederick, Assistant, Poultry Experts.

In presenting the report of the Eighteenth Egg-laying Competition at Burnley, it is pleasing to be able to state that the money expended by the Government in conducting the competition since its beginning,

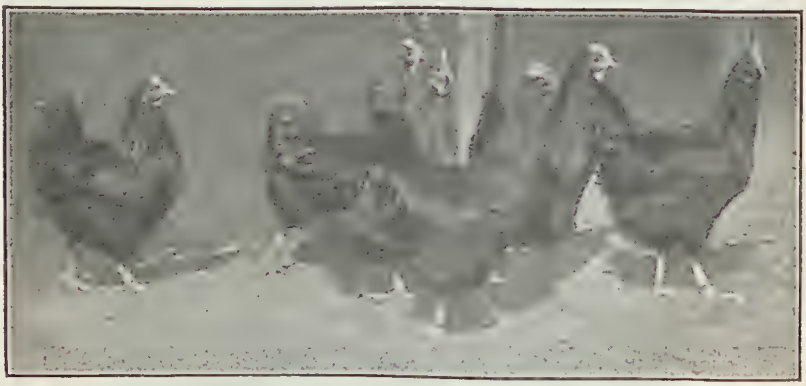
Mr. W. H. Bamford's Winning Team, Class 1, White Leghorns, Wet Mash.
Laid 1,395 eggs valued at £9 1s. 0d.

Mr. A. Enticknap's Winning Team, Class 2, White Leghorns, Dry Mash.
Laid 1,437 eggs valued at £8 12s. 5d.

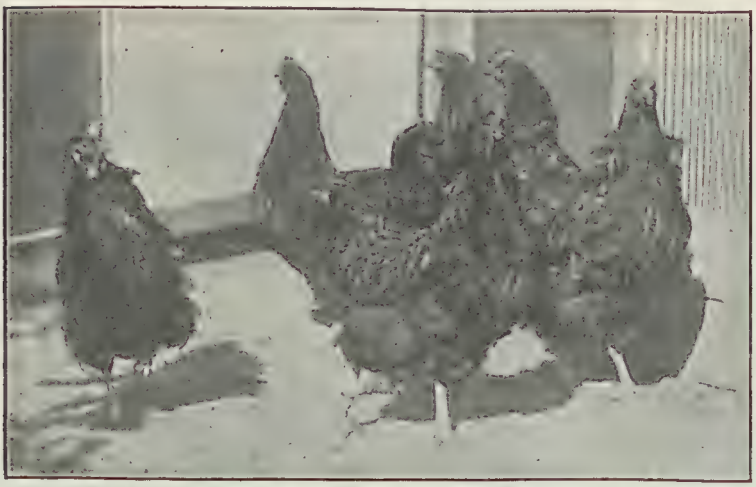
eighteen years ago, has given good results to the State, and that the more recent expenditure in erecting duck-pens has been fully justified.

The popularity of the competition amongst the best breeders in this and other States is undiminished, and for every section in the 1929-30 competition the number of entries received was in excess of the number of pens available. This necessitated a ballot, and some competitors of past years were unfortunately unsuccessful in securing pens. The

thanks of the Department is due to the competitors for their support, and it is hoped that they will nominate again next year and be successful in the ballot. Although not competitors in the present competition they will undoubtedly be interested in the birds entered by new competitors, for many were bred from stock owned by prize-winners in previous competitions. The most gratifying feature of the competition just concluded was the all-round improvement in the



Mr. F. R. De Garis' Winning Team, Class 3, Black Orpingtons, Wet Mash.
Laid 1,355 eggs valued at £8 12s. 9d.



Mr. C. B. Walden's Winning Team, Class 4, Black Orpingtons, Free Choice.
Laid 1,231 eggs valued at £7 3s. 10d.

quality of the birds competing. This was shown in the improved type, size, and stamina of the birds and the size of eggs. In the 1928-29 competition there were only 549 under-weight eggs laid as compared with 1,238 during the 1927-28 competition.

The high average number of eggs laid per bird was also very pleasing. Approximately 656 pullets competed, and they averaged 198 eggs for the 48 weeks. When it is remembered that every egg laid is individually weighed and recorded, and that no underweight eggs

are counted, it must be considered a highly satisfactory result—probably better than has been obtained in any other competition in the world where eggs are individually weighed. There is not the slightest doubt that it would be in the best interest of the poultry industry if the rule relating to the individual weighing of eggs laid at the competitions were generally adopted. This is becoming more and more important every day, because of the fact that it is certain that in the near future legal standards will be laid down for the sale of eggs on a quality and weight basis.

The Ducks.

It is indeed gratifying to report that the first competition for ducks was a pronounced success. The rearing of ducks for egg production has become both popular and profitable in England and Australia. Judging by the results obtained at various competitions, both here and

Mr. W. Donovan's Winning Team, Class 7, Rhode Island Reds, Wet Mash. Laid 1,304 eggs valued at £8 4s. 9d.

overseas, ducks have proved themselves more prolific layers than hens, and there are undoubtedly great possibilities in breeding ducks for egg production. Improved methods of feeding have done a great deal towards breaking down the prejudice that once existed against duck eggs, and owing to the improved flavour, or probable absence of objectionable flavour (a flavour which we now know was brought about by feeding unsuitable food), duck eggs are once more popular for table purposes.

Some of the scores made at official competitions, both at the Harper Adams College, in England, and at Burnley, are remarkable. At the Burnley competition, six Khaki Campbell ducks, bred and owned by Mr. M. G. Leech, of Campbellfield, laid 1,733 eggs in 48 weeks, an average of 288⅚ eggs per duck. This team laid 338 eggs more than the best team of six White Leghorn pullets in the same period, and the market value of their eggs amounted to 8s. 5d. per bird more than the sum received for the pullets' eggs.

No. 3 duck in Mr. Leech's team laid 123 eggs in the 122 days, winning the Winter Test; she laid a total of 317 in 48 weeks, and was awarded first prize for individual birds in Section A. In Section B Mr. Leech was also successful. His three Khaki Campbell ducks laid 753 eggs, valued at £5 3s. 5d., just beating Mrs. Burns' trio of Utility Rouens by 1s. 9d. in value of eggs laid. Mrs. Burns' ducks laid 755 eggs, valued at £5 1s. 8d.; one of the team laid 299 eggs in the 48 weeks, and won first prize for individual birds in Section B.

The Fowls.

In Section A, White Leghorns, west mash, the winning team was bred and owned by Mr. W. H. Bamford, of South Australia. The total number of eggs laid during the 48 weeks of the competition was 1,395, valued at £9 1s. The veteran Victorian breeder, Mr. G. Pocknall, was second; the value of eggs laid by his team was £8 2s. 10d. A good even team that competed in this section was the one bred and entered by Miss L. M. Roberts, of Pascoe Vale. Although they did not get a place on the prize list, they registered a very fine performance by laying 1,243 eggs in 48 weeks, only two of which were second grade.

Mr. D. McDonnell's (jun.) Winning Bird, Class 1, White Leghorns, Wet Mash.
Laid 283 eggs valued at £1 16s. 9d.

An indication of how keenly the Burnley competition is watched by breeders in other States, who are ever on the lookout to purchase a strain likely to improve the size of eggs laid by their flocks, is the fact that Miss Roberts had at least three offers for the purchase of this team, and she eventually sold the birds to a Western Australian breeder. This, although a good advertisement for Victoria, is to be regretted, as there are many Victorian breeders who would have been benefited by buying birds of this quality.

Mr. F. R. De Garis was most unfortunate in this section, as No. 5 bird in his team was accidentally killed and another bird injured early in the competition, when his team was leading. Had this unfortunate accident not happened, his team would, no doubt, have been amongst the leaders, as they laid 1,148 eggs, only seven of which were second grade. The accident is to be very much regretted, for no competitor of recent years has had such a good chance of winning in two sections at the same competition. Mr. De Garis, however, received

some recompense, as in the section for Black Orpingtons he was the first-prize winner.

In Class 2, White Leghorns, dry mash, an experienced competitor was again a winner. Mr. Enticknap's team in this section laid the highest number of eggs of any team of pullets in the competition, i.e., 1,437 eggs in 48 weeks.

As already mentioned, in the section for Black Orpingtons, wet mash, Mr. De Garis's team, which laid 1,355 eggs, was awarded first prize. Second place was won by the Wingood Poultry Farm team, which laid 1,346 eggs. The third-prize winners were owned by that consistent breeder, Mr. T. L. Eastaugh, of Highett; his team laid 1,291 eggs. A

Mrs. McDonnell's Winning Bird, Class 2, White Leghorns, Dry Mash.
Laid 285 eggs valued at £1 16s. 8d.

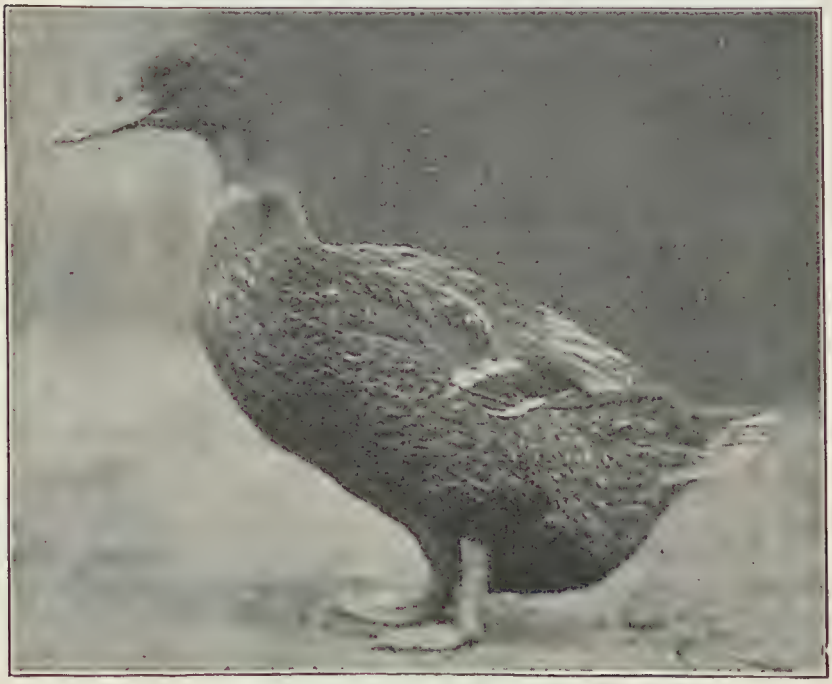
fine performance was registered by Mrs. Mason's team, which laid 1,216 eggs, only eight of which were second grade. This is a valuable team for breeding purposes.

In Class 6—All light birds other than White Leghorns, wet mash —Mr. W. G. Rose gained first prize with a team of Black Leghorns, which laid 1,151 eggs.

A good performance was made in Class 7 (Heavy birds, other than Black Orpingtons, wet mash) by a team of Rhode Island Reds, owned and bred by Mr. W. Donovan, of North Brighton. This team laid a total of 1,304 eggs, only 24 of which were second grade. It was a good even team, and it is a pity that there are not more birds of this stamp in Victoria.

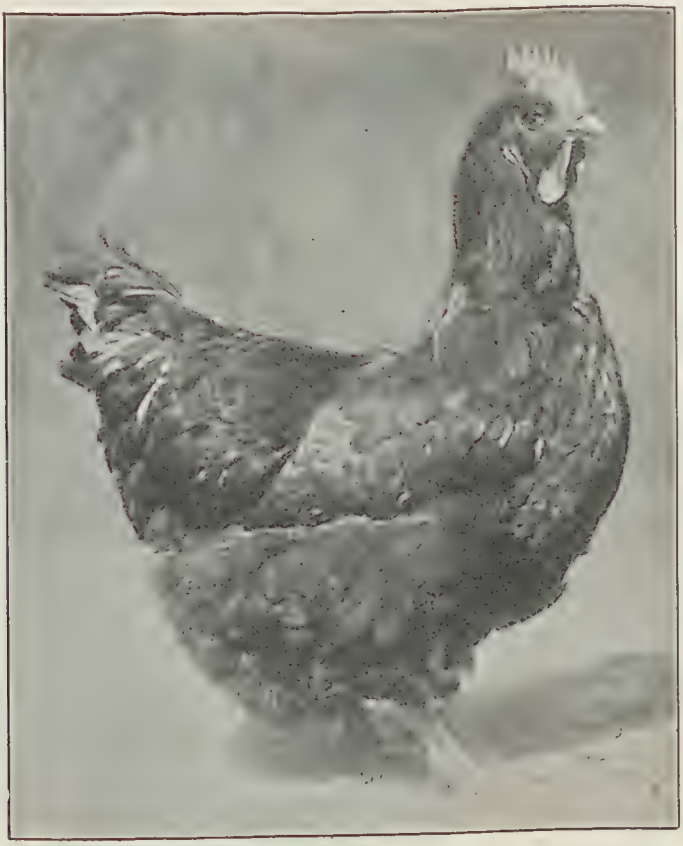
The competition in Section B—White Leghorns, wet mash—was very close at the finish, and there were but nine eggs between the first and

"Fulham Park" Poultry Farm's Winning Bird, Class 3, Black Leghorns, Wet Mash.
Laid 235 eggs valued at £1 10s. 3d.



Mrs. M. Burns' Utility Rouen Duck, Best Individual Bird in Section B.
Laid 299 eggs valued at £2 0s. 1d.

the fourth birds, a difference of only 11d. in the value of eggs laid. The winner, which was owned by Master D. McDonnell, a son of the well-known competitor, Mr. G. McDonnell, laid 283 eggs in 48 weeks, only one of which was second grade. The four leading birds laid an aggregate of 1,115 eggs, only fourteen of which were second grade. The eggs laid by the second and fourth birds, owned by G. McDonnell and T. L. Eastaugh respectively, were all of first grade. In Class 2, for White Leghorns, dry mash, Mrs. McDonnell's bird won with a



Mr. J. Thompson's Winning Bird, Class 4. Black Orpingtons, Wet Mash.
Laid 293 eggs valued at £1 18s. 5d.

score of 285 eggs (all first grade). In Class 3, a Black Leghorn, owned by the Fulham Park Poultry Farm, registered a good score for the breed, laying 235 eggs, only five of which were second grade. In Class 4—Black Orpingtons, wet mash—a very fine score was made by a bird owned and bred by Mr. J. Thomson, of Sale. This bird laid the highest number of eggs of any individual competitor during the 48 weeks of the competition, i.e., 293; only one of them was second grade. These eggs were valued at £1 18s. 5d. The second bird, owned by Mr. C. E. Graham, laid 280 eggs (all first grade), valued at £1 17s. 5d.

In Class 5, Mr. W. Tedstone was successful with a Rhode Island White, which laid 243 eggs, a big number for one of her breed; only eight of them were second grade. The second prize went to Mr. W. Cocking's Light Sussex, which laid 223 eggs, only one of which was second grade.

Financial Side.

FOWLS.

The number of fowls in the competition at its beginning was 656, but 44 of these died. The total number of days these latter birds collectively were in the pens was 8,636, which is equal to approximately 26 birds having been there for the full 48 weeks. Therefore, the total number of birds in the competition for the whole period may be regarded as 638, and this is the figure that has been used when working out averages, &c.

The total number of eggs laid, excluding those underweight, was 126,439, an average per bird of a fraction over 198 for the 48 weeks.

The price realized for eggs averaged 1s. 4d. per dozen. The return from sales averaged £1 1s. 0½d. per bird, and the cost of food averaged 8s. 8½d. per bird—a fraction under 2¼d. per week; thus the profit over cost of food for the 48 weeks averaged 12s. 4d. per bird.

Mr. W. Tedstone's Winning Bird, Class 5, Rhode Island White, Wet Mash.
Laid 243 eggs valued at £1 11s. 4d.

A list of the different kinds and quantities of the food fed to the birds during the currency of the competition is given hereunder:—

Wheat, 27,201 lb.; oats, 2,770 lb.; maize, 3,512 lb.; barley, 207 lb.; wheat pollard, 16,856 lb.; oat pollard, 492 lb.; bran, 11,146 lb.; meat meal, 184 lb.; meat, 4,320 lb.; dried buttermilk, 356 lb.; onions, 470 lb.; grit, 2¼ tons; charcoal, 10 bags.

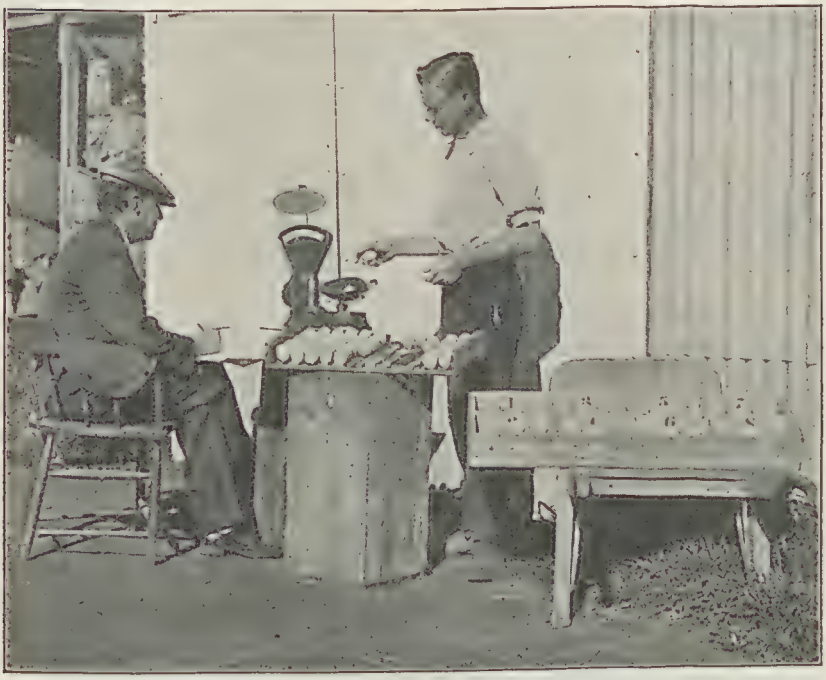
DUCKS.

The 60 ducks in the competition laid 12,523 eggs, excluding those underweight, an average per bird of a fraction over 208½ for the 48 weeks.

The price realized for eggs averaged 1s. 4d. per dozen. The return from sales averaged £1 3s. 2¼d., and the cost of food averaged 10s. 6¾d. per bird—a fraction over 2¾d. per week; thus the profit over cost of food for the 48 weeks averaged 12s. 7½d. per bird.

A list of the different kinds and quantities of the food fed to the ducks during the currency of the competition is given hereunder:—

Wheat, 6 lb.; wheat pollard, 5,147 lb.; oat pollard, 64 lb.; bran, 3,520 lb.; meat meal, 109 lb.; dried buttermilk, 61 lb.; grit, ¼ ton. (Additional animal food was provided by mixing the mash with soup.)



How the Eggs are Weighed at the Burnley Egg-Laying Competition.
Each individual egg is weighed to the tenth of an ounce.

Conclusion.

Mr. Macauley and his assistants are to be congratulated on the fine performance of the birds at the competition, for the results obtained were, in a large measure, due to good management and feeding. On receiving their birds back at the conclusion of the competition, many owners wrote to express their appreciation at the excellent condition of the birds.

Once more an expression of gratitude is due to Mr. H. Baker, as well as to Mr. C. Lord, who have been responsible for calculations of the value of eggs laid during the competition.

TABLE 1.

Description.	No. of Birds.	Eggs Laid.				Value.								
		1st Grade.	2nd Grade.	Under Weight.	Total.	1st Grade.			2nd Grade.			Total.		
						£	s.	d.	£	s.	d.	£	s.	d.
LIGHT BREEDS.														
Wet Mash.														
White Leghorns ..	268	50,653	4,573	238	55,464	313	16	2	21	14	4	335	10	6
Black Leghorns	14	2,137	208	5	2,350	12	16	9	1	3	2	13	19	11
Minorcas	2	325	..	..	325	1	16	10	..			1	16	10
Brown Leghorns ..	2	378	..	..	378	2	6	1	..			2	6	1
Anconas	2	385	15	1	401	2	9	6	0	2	2	2	11	8
Total Light Breeds, Wet Mash ..	288	53,878	4,796	244	58,918	333	5	4	22	19	8	356	5	0
Dry Mash.														
White Leghorns ..	122	22,525	2,055	68	24,648	136	4	9	10	2	0	146	7	3
Free Choice.														
White Leghorns ..	24	3,959	622	28	4,609	22	18	5	2	15	5	25	13	10
Total Light Breeds, Wet Mash, Dry Mash and Free Choice ..	434	80,362	7,473	340	88,175	492	8	6	35	17	7	528	6	1
HEAVY BREEDS.														
Wet Mash.														
Black Orpingtons ..	164	28,027	3,164	171	31,362	179	13	9	15	13	0	195	6	9
Rhode Island Reds ..	23	3,978	42	1	4,021	18	19	2	0	4	4	19	3	6
Light Sussex	4	789	23	1	813	5	0	8	0	2	11	5	3	7
Rhode Island Whites ..	2	380	9	..	389	2	6	2	0	0	11	2	7	1
Total Heavy Breeds, Wet Mash ..	193	33,174	3,238	173	36,585	205	19	9	16	1	2	222	0	11
Free Choice.														
Black Orpingtons ..	11	1,721	471	36	2,228	10	12	4	2	5	9	12	18	1
Total Heavy Breeds, Wet Mash, and Free Choice	204	34,895	3,709	199	38,813	216	12	1	18	6	11	234	19	0
Total all Breeds ..	638	115,257	11,182	549	126,988	709	0	7	54	4	6	763	5	1

Mr. W. G. Rose's Winning Team, Class 6, Black Leghorns, Wet Mash
Laid 1,151 eggs valued at £6 17s. 11d.

TABLE 2.

Description.	No. of Birds.	Average Number of Eggs Laid per Bird.				Average Value of Eggs Laid per Bird.								
		1st Grade.	2nd Grade.	Under Weight.	Total.	1st Grade.			2nd Grade.			Total.		
						£	s.	d.	£	s.	d.	£	s.	d.
LIGHT BREEDS.														
Wet Mash.														
White Leghorns ..	268	189·0	17·0	·9	206·9	1	3	5	0	1	7	1	5	0
Black Leghorns ..	14	152·6	14·9	·4	167·9	0	18	3	0	1	8	0	19	11
Minorcas	2	162·5	..	..	162·5	0	18	5		..		0	18	5
Brown Leghorns ..	2	189·0	..	..	189·0	1	3	0		..		1	3	0
Anconas	2	192·5	7·5	·5	200·5	1	4	9	0	1	1	1	5	10
Total Light Breeds, Wet Mash ..	288	187·0	16·6	·9	204·5	1	3	2	0	1	7	1	4	9
Dry Mash.														
White Leghorns	122	184·6	16·8	·6	202·0	1	2	4	0	1	8	1	4	0
Free Choice.														
White Leghorns	24	164·9	25·9	1·2	192·0	0	19	1	0	2	4	1	1	5
Total Light Breeds, Wet Mash, Dry Mash and Free Choice ..	434	185·1	17·2	·8	203·1	1	2	8	0	1	8	1	4	4
HEAVY BREEDS.														
Wet Mash.														
Black Orpingtons ..	164	170·9	19·3	1·0	191·2	1	1	11	0	1	11	1	3	10
Rhode Island Reds ..	23	173 0	1 8	..	174·8	0	16	6	0	0	2	0	16	8
Light Sussex	4	197 5	5·7	·3	203·5	1	5	2	0	0	9	1	5	11
Rhode Island Whites ..	2	190·0	4·5	·2	194 7	1	3	1	0	0	5	1	3	6
Total Heavy Breeds, Wet Mash ..	193	171·9	16·7	·9	189·5	1	1	4	0	1	8	1	3	0
Free Choice.														
Black Orpingtons ..	11	156·4	42·8	3·2	202·4	0	19	3	0	4	2	1	3	5
Total Heavy Breeds, Wet Mash and Free Choice	204	171·0	18·2	1·0	190·2	1	1	2	0	1	9	1	2	11
Total All Birds ..	638	180·6	17·5	·9	199·0	1	2	3	0	1	8	1	3	11

Mr. A. J. Hill's Winning Team, Class 5, White Leghorns, Free Choice.
Laid 1,215 eggs valued at £6 19s. 8d.

DETAILS OF FINAL RESULTS.

For the purpose of valuation, eggs were divided into first grade valued at market price, and second grade valued at market price, less 25 per cent. During the first two months of the competition, a first grade egg must have weighed not less than $1\frac{3}{4}$ oz., and thereafter not less than 2 oz.; during this period the minimum weight of a second grade egg was $\frac{1}{4}$ oz. less. No value was given for underweight eggs.

(x) Denotes eggs laid outside of nest.
(r) Denotes bird returned.

As some competitors may not have kept a note of the colour of the identification rings the various colours are repeated here:—No. 1, a red ring; No. 2, white; No. 3, blue; No. 4, yellow; No. 5, green; and No. 6, brown.

Section A.—Groups of Six Birds—Trapnested.

Class 1.—White Leghorns, Wet Mash.

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value.
							£ s. d.
19	1st Prize, Champion Certificate, also Trophy, valued £8— W. H. Bamford, 74 Adelaide-road, Glenelg, South Australia	1	256	237	19	..	1 12 0·9
		2	224	224	..	..	1· 9 6·43
		3	242	241	1	..	1 10 9·86
		4	247	247	..	..	1 12 2·92
		5	196	194	2	..	1 6 5·17
		6	230	229	1	..	1 9 11·47
		x	..	..	..	..	..
		..	1,395	1,372	23	..	9 1 0·75
18	2nd Prize, Government Certificate— G. Pocknall, 138 Dundas-street, Thornbury	1	222	146	76	2	1 5 11·66
		2	210	179	31	..	1 6 3·59
		3	257	185	72	..	1 11 10·54
		4	239	153	86	1	1 8 1·33
		5	217	195	22	..	1 6 3·72
		6	183	174	9	..	1 4 1·48
		x	1	..	1	..	0 0 1·69
		..	1,329	1,032	297	3	8 2 10·01
21	3rd Prize, Government Certificate— H. W. Devlin, 100 Dendy-street, Middle Brighton	1	215	214	1	1	1 6 3·61
		2	235	215	20	..	1 9 10·39
		3	198	173	25	3	1 4 4·31
		4	144	144	..	..	0 17 9·48
		5	224	223	1	..	1 8 0·04
		6	250	250	..	..	1 11 4·92
		x	1	..	1	..	0 0 1·87
		..	1,267	1,219	48	4	7 17 10·62
3	G. B. Brown, 6 Fairfield-avenue, Camberwell	1	195	187	8	..	1 2 4·06
		2	207	191	16	..	1 3 7·54
		3	266	252	14	..	1 14 7·32
		4	189	177	12	2	1 1 6·86
		5	234	179	55	1	1 6 3·32
		6	213	148	65	1	1 3 5·59
		x	1	1	..	..	0 0 2·33
		..	1,305	1,135	170	4	7 12 1·02

Section A—*continued.*

Class 1.—White Leghorns, Wet Mash—*continued.*

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value. £ s. d.
8	W. E. C. O'Neill, Brassey-avenue, Rosanna	1	220	141	79	12	1 3 8·50
		2	218	196	22	1	1 6 2·80
		3	246	223	23	..	1 8 9·64
		4	200	127	73	16	1 1 11·54
		5	208	124	84	4	1 2 1·00
		6	229	199	30	..	1 6 5·79
		x	2	..	2	..	0 0 3·43
		..	1,323	1,010	313	33	7 9 6·70
4	Miss L. M. Roberts, "Urana," Pascoe Vale-road, Pascoe Vale	1	230	230	..	..	1 8 1·38
		2	209	209	..	..	1 4 11·52
		3	192	192	..	..	1 1 9·68
		4	232	232	..	..	1 8 7·26
		5	180	178	2	..	1 1 1·23
		6	200	200	..	..	1 3 5·18
		x	..	..	..	..	..
		..	1,243	1,241	2	..	7 8 0·25
28	Ruburina Poultry Farm (V. D. Wallington), Nell-street, Greensborough	1	239	239	..	..	1 10 2·85
		2	194	189	5	..	1 1 3·37
		3	237	219	18	..	1 9 10·24
		4	168	168	..	..	0 17 10·50
		5	208	207	1	..	1 3 10·53
		6	200	200	..	..	1 2 11·86
		x	3	2	1	..	0 0 5·89
		..	1,249	1,224	25	..	7 6 7·24
23	A. J. Hill, Sunraysia Poultry Farm, Greensborough	1	180	174	6	2	1 1 5·83
		2	222	222	..	..	1 6 9·75
		3	237	212	25	..	1 7 6·24
		4	139	69	70	28	0 15 8·31
		5	218	60	158	26	1 3 2·22
		6	245	166	79	2	1 10 0·34
		x	3	2	1	..	0 0 6·31
		..	1,244	905	339	58	7 5 3·00
10	P. E. Cook, Springvale-road, Glen Waverley	1	189	188	1	..	1 1 9·59
		2	205	137	68	..	1 3 4·93
		3	220	220	..	..	1 7 5·59
		4	206	185	21	1	1 4 2·74
		5	211	207	4	..	1 5 0·45
		6	187	187	..	..	1 1 11·00
		x	..	..	..	..	..
		..	1,218	1,124	94	1	7 3 10·30

Section A—*continued.*

Class 1.—White Leghorns, Wet Mash—*continued.*

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value. £	s.	d.
2	F. R. De Garis, "Hilfred," Holloway-road, Sandringham	1	204	204	..	..	1	4	0·58
		2	232	231	1	..	1	8	0·55
		3	214	214	..	..	1	5	5·91
		4	209	209	..	..	1	4	1·09
		* 5	52	52	..	..	0	10	3·25
		6	243	237	6	1	1	11	9·14
		x	1	1	..	..	0	0	1·75
		..	1,155	1,148	7	1	7	3	10·27
24	A. J. C. Anderson, c/o Miss Muirhead, 131 Farnsworth-street, Castlemaine	1	217	212	5	..	1	5	11·82
		2	222	219	3	..	1	8	7·62
		3	202	200	2	..	1	5	3·64
		4	172	164	8	..	0	19	4.09
		5	199	196	3	..	1	4	11·03
		6	159	147	12	..	0	17	11·73
		x	3	2	1	..	0	0	4·56
		..	1,174	1,135	34	..	7	2	6·49
12	Mrs. R. W. Douglas, Lyric Poultry Farm, Station-road, Hartwell, via Camberwell	1	205	188	17	..	1	3	0·56
		2	193	143	50	..	1	1	8·29
		3	201	160	41	..	1	3	3·42
		4	207	200	7	..	1	5	7·54
		5	222	209	13	..	1	8	8·99
		6	170	143	27	..	0	19	0·76
		x	1	1	..	..	0	0	1·42
		..	1,199	1,044	155	..	7	1	6·98
17	F. Wight, Canterbury-road, Bayswater	1	156	155	1	..	0	18	2·06
		2	243	236	7	..	1	11	5·19
		3	170	155	15	1	1	0	4·72
		4	189	182	7	..	1	3	6·28
		5	201	187	14	..	1	3	3·80
		6	201	196	5	..	1	4	4·18
		x	1	..	1	..	0	0	1·87
		..	1,161	1,111	50	1	7	1	4·10
27	P. G. Caldwell, Riversdale-road (Gate House), Camberwell	1	143	143	..	..	0	15	6·17
		2	167	160	7	3	1	0	5·62
		3	232	232	..	..	1	10	5·85
		4	198	197	1	..	1	3	4·82
		5	183	180	3	..	1	2	4·08
		6	219	218	1	..	1	8	4·63
		x	..	..	..	..		..	
		..	1,142	1,130	12	3	7	0	7·17

* Died 22.6.28.

Section A—*continued.*

Class 1.—White Leghorns, Wet Mash—*continued.*

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value. £	s.	d.
11	R. R. W. Brown, Riverside-avenue, Werribee	1	179	178	1	..	1	1	1·19
		2	194	180	14	..	1	3	4·37
		3	211	109	102	7	1	2	2·78
		4	204	101	103	8	1	1	6·61
		5	207	204	3	..	1	5	2·70
		6	220	185	35	1	1	6	11·75
		x	1	1	..	..	0	0	1·75
		..	1,216	958	258	16	7	0	7·15
29	M. G. Leech, Trevallyn Poultry Farm, Sydney-road, Campbellfield	1	236	234	2	..	1	9	11·64
		2	224	217	7	..	1	7	7·36
		*3	64	61	3	1	0	8	4·38
		4	247	246	1	..	1	10	9·07
		5	205	184	21	..	1	3	8·71
		†6	110	110	..	..	0	14	6·25
		x	1	1	..	..	0	0	2·25
		..	1,087	1,053	34	1	6	15	1·66
9	C. C. Dunn, Patty-street, Mentone	1	153	153	..	..	0	17	5·66
		2	196	196	..	..	1	3	4·60
		3	222	222	..	..	1	7	2·68
		4	251	250	1	..	1	11	3·06
		‡5	30	30	..	..	0	6	0·67
		6	235	234	1	..	1	9	4·86
		x	..	..	..	..	..		
		..	1,087	1,085	2	..	6	14	9·53
14	P. N. Tilley, 90 Balwyn-road, Balwyn	1	246	147	99	..	1	6	1·94
		2	187	187	..	..	1	2	2·01
		3	175	175	..	..	1	3	2·66
		4	156	156	..	..	0	17	1·85
		5	217	216	1	..	1	6	7·87
		6	173	172	1	..	0	19	0·14
		x	2	2	..	..	0	0	4·83
		..	1,156	1,055	101	..	6	14	9·30
7	W. Cullen, Werribee ..	1	103	101	2	..	0	14	10·77
		2	216	212	4	..	1	6	5·79
		3	185	185	..	..	1	1	0·33
		4	167	159	8	2	0	17	9·37
		5	198	196	2	..	1	3	10·30
		6	241	240	1	..	1	10	0·48
		x	2	2	..	..	0	0	4·25
		..	1,112	1,095	17	2	6	14	5·29

* Died 2.11.28. † Died 4.12.28. ‡ Died 23.6.28.

Section A—*continued.*

Class 1.—White Leghorns, Wet Mash—*continued.*

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value. £ s. d.
22	N. Stuart, "Fernleigh," Belmore-road, Box Hill	1	176	111	65	..	0 17 5·43
		2	222	219	3	..	1 6 10·16
		3	198	136	62	..	1 1 4·47
		4	169	131	38	..	0 18 11·79
		5	165	150	15	..	0 17 4·18
		6	233	205	28	..	1 9 3·38
		x	1	..	1	..	0 0 1·56
		..	1,164	952	212	..	6 11 4·97
6	Orana Poultry Farm (G. Crawford), Mitcham	1	178	168	10	..	1 1 1·15
		2	197	191	6	..	1 4 7·40
		3	185	180	5	..	1 1 7·17
		4	170	169	1	..	0 19 5·12
		5	212	211	1	..	1 5 9·62
		* 6	165	165	..	..	0 18 6·16
			1	1	..	..	0 0 2·50
		..	1,108	1,085	23	..	6 11 3·92
26	Rosette Poultry Farm (C. J. Ratz), Burwood and Dobson roads, Lower Fern Tree Gully	† 1	19	19	..	..	0 3 6·75
		2	168	145	23	2	0 19 0·01
		3	237	210	27	4	1 9 3·83
		4	208	109	99	1	1 3 7·88
		5	231	179	52	..	1 6 11·80
		6	217	211	6	..	1 7 2·39
		x	2	..	2	1	0 0 2·87
		..	1,082	873	209	8	6 9 11·53
15	T. A. Mentiplay, Somerville..	1	227	214	13	..	1 9 5·42
		2	182	61	121	..	0 16 10·82
		3	145	144	1	..	0 15 11·18
		4	182	180	2	..	1 1 10·27
		5	222	212	10	..	1 7 3·91
		6	136	89	47	3	0 15 1·03
		x	4	2	2	..	0 0 8·49
		..	1,098	902	196	3	6 7 3·12
1	T. L. Eastaugh, Point Nepean-road, Highett	1	145	135	10	..	0 16 9·74
		2	223	221	2	..	1 5 10·64
		3	161	159	2	..	0 17 2·71
		4	184	182	2	..	0 19 11·12
		5	160	158	2	..	0 17 3·65
		6	208	196	12	..	1 3 7·57
		x	..	..	..	..	..
		..	1,081	1,051	30	..	6 0 9·43

* Died 24.1.29. † Died 25.4.28.

Section A—*continued.*

Class 1.—White Leghorns, Wet Mash—*continued.*

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value £ s. d.
25	Alf. Greentree, Wilberforce, via Windsor, N.S.W.	1	155	153	2	..	1 2 2·48
		2	139	131	8	..	0 14 3·11
		* 3	1	1	..	..	0 0 2·25
		4	182	178	4	..	1 1 4·00
		5	205	181	24	..	1 5 10·53
		6	212	212	..	..	1 7 8·19
		x	2	2	..	..	0 0 2·08
		..	896	858	38	..	5 11 8·64
13	F. M. G. Starbuck, Murrabit, via Kerang	1	147	147	..	..	0 16 9·84
		2	180	180	..	..	0 19 10·50
		3	166	166	..	..	0 17 11·59
		4	164	164	..	..	0 19 9·34
		5	157	157	..	1	0 16 9·85
		6	177	156	21	3	0 19 6·56
		x	2	2	..	..	0 0 4·00
		..	993	972	21	4	5 11 1·68
5	Annie Anderson, Derrinallum	1	190	183	7	..	1 3 0·24
		2	208	160	48	1	1 2 8·04
		3	190	144	46	..	1 0 8·90
		4	110	29	81	33	0 12 7·59
		5	175	168	7	5	0 19 10·03
		6	90	88	2	1	0 9 7·96
		x	2	2	..	..	0 0 2·84
		..	965	774	191	40	5 8 9·60
16	A. N. Ormrod, Barn Hill Poultry Farm, Clayton-road, Clayton	1	164	163	1	..	0 18 5·44
		2	166	132	34	..	0 17 0·10
		3	151	150	1	..	0 16 2·30
		4	139	125	14	..	0 14 2·23
		5	178	178	..	..	1 0 2·87
		6	165	165	..	..	0 18 1·43
		x	3	3	..	..	0 0 4·67
		..	966	916	50	..	5 4 7·04
20	H. Luxford, 15 St. Hubert's-road, Carnegie	1	88	32	56	4	0 7 9·01
		2	179	23	156	21	0 15 0·14
		3	157	154	3	1	0 16 8·06
		4	174	172	2	1	1 0 9·89
		5	213	201	12	..	1 4 7·36
		6	169	169	..	..	0 19 1·83
		x	3	3	..	..	0 0 4·17
		..	983	754	229	27	5 4 4·46

* Died 21.7.28.

Section A—*continued.*

Class 2.—White Leghorns, Dry Mash.

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value. £ s. d.
33	1st Prize, Champion Certificate, also Trophy valued £2— A. Enticknap, 38 Serrell-street, East Malvern	1	264	209	55	1	1 11 8·93
		2	210	210	..	..	1 4 5·60
		3	247	237	10	..	1 11 9·71
		4	228	175	53	..	1 4 8·71
		5	238	225	13	..	1 8 5·91
		6	249	166	83	..	1 11 0·77
		x	1	1	..	..	0 0 2·08
		..	1,437	1,223	214	1	8 12 5·71
30	2nd Prize, Government Certificate— R. P. Bartlett, "Wandong," 5 Freeman-street, Caulfield	1	238	182	56	..	1 8 6·36
		2	242	151	91	..	1 8 8·03
		3	222	167	55	..	1 4 10·83
		*4	183	125	58	2	0 18 5·42
		5	252	171	81	1	1 8 1·60
		6	231	193	38	..	1 7 3·38
		x	5	3	2	..	0 0 10·08
		..	1,373	992	381	3	7 16 9·70
34	3rd Prize, Government Certificate— N. Burston, Bulleen-road, Camberwell	1	207	194	13	1	1 3 10·16
		2	225	148	77	..	1 5 6·25
		3	254	253	1	..	1 13 5·51
		4	231	178	53	..	1 5 6·87
		5	212	163	49	1	1 2 7·36
		6	198	197	1	..	1 2 5·85
		x	1	1	..	..	0 0 2·50
		..	1,327	1,134	194	2	7 13 8·50
39	A. J. Hill, Sunraysia Poultry Farm, Greensborough	1	189	177	12	..	1 0 7·06
		2	192	189	3	..	1 0 11·88
		3	235	235	..	..	1 8 10·51
		4	214	214	..	..	1 5 10·76
		5	219	193	26	..	1 5 7·23
		6	212	208	4	..	1 6 10·13
		x	2	1	1	..	0 0 3·14
		..	1,263	1,217	46	..	7 9 0·71
36	M. P. McPhee, Warrien-road, Croydon	1	231	211	20	..	1 7 9·90
		2	191	191	..	1	1 2 6·66
		3	203	201	2	1	1 3 8·25
		4	167	156	11	..	0 18 1·81
		5	211	211	..	..	1 4 5·51
		6	198	189	9	..	1 1 8·38
		x	2	2	..	..	0 0 3·92
		..	1,203	1,161	42	2	6 18 8·43

* Died 24.1.29.

Section A—*continued.*

Class 2.—White Leghorns, Dry Mash—*continued.*

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value.
38	S. Rainer, Birdwood-avenue, Balwyn	1	221	114	107	6	1 2 6·14
		2	218	211	7	1	1 5 6·48
		3	200	162	38	..	1 2 5·57
		4	219	201	18	..	1 5 6·64
		5	183	144	39	1	0 19 4·53
		6	190	182	8	..	1 1 10·95
		x	5	5	..	1	0 0 6·83
		..	1,236	1,019	217	9	6 17 11·14
40	Ruburina Poultry Farm (V. D. Wallington), Nell-street, Greensborough	1	166	164	2	..	0 18 3·27
		2	234	232	2	3	1 7 4·23
		3	231	229	2	..	1 8 1·13
		* 4	143	143	..	..	0 14 7·42
		5	195	174	21	..	1 0 9·39
		6	162	156	6	..	0 17 8·77
		x	..	..	..	..	..
		..	1,131	1,098	33	3	6 6 10·21
35	C. M. New, "Rondaville," 23 Marriot-street, Caulfield	1	181	177	4	..	1 0 0·81
		2	228	203	25	1	1 7 5·16
		3	202	200	2	..	1 3 6·36
		4	185	159	26	..	1 1 0·82
		† 5	6	4	2	..	0 1 0·45
		6	223	198	25	..	1 5 2·23
		x	..	..	..	..	..
		..	1,025	941	84	1	5 18 3·83
32	K. A. McLaughlin, "Dandevue," Central-avenue, Bayswater	1	186	186	..	..	1 2 1·00
		2	160	88	72	12	0 18 2·77
		‡ 3	101	91	10	..	0 12 8·99
		4	158	153	5	1	1 0 1·46
		5	210	205	5	..	1 5 5·70
		6	148	131	17	1	0 17 5·48
		x	1	1	..	1	0 0 2·25
		..	964	855	109	15	5 16 3·65
31	Glen Athol Orchard and Poultry Farm (Genat and Murray), Loader-road, Moorooduc	§ 1	73	63	10	..	0 9 11·06
		2	165	152	13	..	0 17 9·07
		3	160	153	7	..	0 18 1·74
		4	148	148	..	1	0 14 11·68
		5	204	189	15	..	1 4 0·01
		6	180	172	8	1	1 1 1·00
		x	3	3	..	1	0 0 4·75
		..	933	880	53	3	5 6 3·31

* Died 7.1.29. † Died 25.5.28. ‡ Died 7.1.29. § Died 16.9.28.

Section A—*continued.*

Class 2.—White Leghorns, Dry Mash—*continued.*

No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value
							£ s. d.
37	E. and D. O'Mullane, 24 Medley-street, South Yarra	* 1	14	7	7	..	0 2 10·72
		2	190	181	9	..	1 1 9·75
		3	177	173	4	2	1 1 8·19
		† 4	104	101	3	2	0 11 11·31
		5	166	157	9	..	1 0 7·80
		‡ 6	132	125	7	2	0 16 3·98
		x	1	..	1	..	0 0 1·56
		..	784	744	40	6	4 15 5·31

* Died 25.4.28. † Died 15.1.29. ‡ Died 2.2.29.

Class 3.—Black Orpingtons, Wet Mash.

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value.
							£ s. d.
42	1st Prize, Champion Certificate, also Trophy, valued £3— F. R. De Garis, "Hilfred," Holloway-road, Sandringham	1	268	190	78	1	1 12 10·85
		2	226	219	7	..	1 9 5·25
		3	226	141	85	25	1 7 1·24
		4	162	144	18	..	1 0 5·50
		5	227	184	43	..	1 9 9·96
		6	243	240	3	..	1 12 9·57
		x	3	..	3	..	0 0 3·37
		..	1,355	1,118	237	26	8 12 9·84
46	2nd Prize, Government Certificate— Wingood Poultry Yard (T. A. Goodwin), 8 Peel-street, Kew	1	229	187	42	..	1 6 11·20
		2	211	210	1	..	1 7 10·77
		3	209	209	..	..	1 7 11·15
		4	249	249	..	..	1 12 1·08
		5	216	215	1	..	1 8 3·60
		6	231	231	...	..	1 8 5·77
		x	1	..	1	..	0 0 1·56
		..	1,346	1,301	45	..	8 11 9·13
41	3rd Prize, Government Certificate— T. L. Eastaugh, Point Nepean-road, Highett	1	187	183	4	..	1 4 8·98
		2	224	196	28	3	1 7 7·03
		3	178	178	..	..	0 19 11·85
		4	249	249	..	..	1 13 6·24
		5	235	229	6	..	1 8 11·99
		6	215	175	40	..	1 5 7·05
		x	3	1	2	..	0 0 6·00
		..	1,291	1,211	80	3	8 0 11·14

Section A—*continued.*

Class 3.—Black Orpingtons, Wet Mash—*continued.*

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value. £ s. d.
51	Mrs. D. Mason, Waterloo-street, Ringwood	1	149	149	..	..	1 1 0·42
		2	207	207	..	..	1 5 3·92
		3	238	238	..	..	1 10 6·64
		4	194	188	6	..	1 5 6·38
		5	229	228	1	..	1 9 7·34
		6	198	198	..	..	1 5 5·35
		x	1	..	1	..	0 0 1·56
		..	1,216	1,208	8	..	7 17 7·61
47	C. C. Dunn, Patty-street, Mentone	1	248	138	110	1	1 7 2·51
		2	228	224	4	..	1 10 6·26
		3	222	213	9	..	1 6 4·72
		4	192	158	34	..	1 1 5·53
		5	221	215	6	..	1 8 4·09
		6	171	143	28	..	0 19 8·43
		x	..	..	..	..	..
		..	1,282	1,091	191	1	7 13 7·54
45	Miss M. T. Kidd, "The Wattles," Barker's Creek, Castlemaine	1	202	166	36	5	1 5 11·38
		2	250	155	95	3	1 9 2·43
		3	180	88	92	5	0 18 11·77
		4	169	94	75	22	1 0 2·53
		5	210	175	35	..	1 6 2·86
		6	239	189	50	..	1 10 9·78
		x	3	..	3	..	0 0 5·31
		..	1,253	867	386	35	7 11 10·06
58	A. J. C. Anderson, c/o Miss Muirhead, 131 Farnsworth-street, Castlemaine	1	154	150	4	..	1 0 3·99
		2	142	139	3	..	0 16 7·04
		3	170	169	1	..	1 2 11·30
		4	190	187	3	1	1 4 4·65
		5	186	180	6	..	1 3 8·49
		6	254	251	3	..	1 12 11·90
		x	6	6	..	..	0 0 9·58
		..	1,102	1,082	20	1	7 1 8·95
55	G. J. White, Allwell Poultry Farm, Glen Waverley	1	173	132	41	2	1 2 6·78
		2	205	198	7	..	1 5 1·29
		3	154	80	74	..	0 17 7·74
		4	206	177	29	..	1 6 7·61
		5	187	163	24	7	1 3 2·22
		6	182	173	9	1	1 3 4·45
		x	5	4	1	..	0 0 8·10
		..	1,112	927	185	10	6 19 2·19

Section A—*continued.*

Class 3.—Black Orpingtons, Wet Mash—*continued.*

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value. £ s. d.
57	G. B. Brown, 6 Fairfield-avenue, Caulfield	1	161	80	81	2	0 17 9·43
		2	187	147	40	3	1 4 9·32
		3	93	82	11	..	0 12 4·81
		4	247	228	19	..	1 11 10·70
		5	231	45	186	5	1 4 1·92
		6	219	112	107	5	1 4 11·99
		x	3	1	2	..	0 0 3·64
		..	1,141	695	446	15	6 16 3·81
54	J. A. Naylor, "Clematis," 449 Heidelberg-road, Alphington	1	211	211	..	..	1 6 1·92
		2	181	181	..	..	1 1 10·66
		3	160	160	..	..	0 19 6·09
		4	195	191	4	..	1 4 10·46
		*5	183	183	..	..	1 2 0·92
		6	174	174	..	..	1 0 10·81
		x	2	2	..	..	0 0 3·58
		..	1,106	1,102	4	..	6 15 8·44
49	Roy Sanders, 11 Hagelthorne-street, Wonthaggi	†1	26	24	2	..	0 4 11·05
		2	209	206	3	..	1 8 3·42
		3	198	193	5	..	1 5 6·27
		4	184	184	..	..	1 3 6·27
		5	181	163	18	..	1 4 2·67
		6	112	110	2	..	0 14 10·30
		x	6	3	3	1	0 0 7·69
		..	916	883	33	1	6 1 11·67
56	N. Stuart, "Fernleigh," Belmore-road, Box Hill	1	162	162	..	..	0 19 6·82
		2	131	130	1	..	0 16 8·32
		3	190	189	1	..	1 6 0·37
		4	190	179	11	..	1 2 7·71
		5	136	133	3	1	0 16 7·37
		6	149	149	..	..	0 19 0·48
		x	3	3	..	..	0 0 7·42
		..	961	945	16	1	6 1 2·49
44	W. Cullen, Werribee ..	1	132	109	23	1	0 16 0·99
		2	238	175	63	3	1 7 10·96
		‡3	40	32	8	1	0 7 1·59
		4	206	193	13	..	1 3 10·90
		5	200	199	1	..	1 6 4·04
		6	149	113	36	..	0 17 3·89
		x	7	4	3	1	0 0 10·45
		..	972	825	147	6	5 19 6·82

* Died 11.2.29. † Died 5.5.28. ‡ Died 17.8.28.

Section A—*continued.*

Class 3.—Black Orpingtons, Wet Mash—*continued.*

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value. £ s. d.
43	Oswald Pearse, "Etker," Box 33, Donald	1	252	134	118	8	1 9 3·43
		* 2	65	37	28	..	0 7 8·96
		3	204	170	34	1	1 6 2·68
		4	212	161	51	..	1 7 1·68
		† 5	34	31	3	..	0 6 0·05
		6	162	69	93	1	0 17 8·23
		x	..	..	..	..	..
		..	929	602	327	10	5 14 1·03
53	C. B. Walden, Bryson-road, Ringwood	1	76	57	19	..	0 8 11·35
		2	184	147	37	..	1 3 7·23
		3	172	171	1	..	1 0 11·81
		4	169	166	3	1	1 2 9·35
		5	163	157	6	1	1 2 6·67
		6	128	120	8	..	0 14 4·22
		x	6	6	..	..	0 0 10·25
		..	898	824	74	2	5 14 0·88
48	F. M. G. Starbuck, Murrabit, via Kerang	1	125	120	5	..	0 15 8·84
		2	197	196	1	..	1 3 1·97
		3	138	125	13	..	0 15 3·18
		4	202	201	1	..	1 4 3·08
		5	131	131	..	..	0 13 11·49
		6	143	141	2	..	0 17 4·20
		x	12	12	..	..	0 1 9·33
		..	948	926	22	..	5 11 6·09
52	T. A. Mentiplay, Somerville..	1	122	74	48	1	0 12 0·56
		2	180	178	2	..	1 1 8·65
		3	147	146	1	..	0 18 0·05
		‡ 4	134	132	2	..	0 15 5·35
		5	208	190	18	..	1 4 3·61
		6	169	168	1	..	0 19 6·39
		x	3	2	1	..	0 0 5·39
		..	963	890	73	1	5 11 6·00
50	K. A. McLaughlin, "Dandevue," Central-avenue, Bayswater	1	174	82	92	4	0 15 11·84
		2	171	169	2	..	1 2 9·48
		3	120	106	14	1	0 13 4·55
		4	197	131	66	..	1 3 10·21
		5	140	106	34	2	0 15 5·54
		6	152	43	109	19	0 14 5·05
		x	8	5	3	1	0 0 10·52
		..	962	642	320	27	5 6 7·19

* Died 6.10.28. † Died 9.5.28. ‡ Died 20.1.29.

Section A—*continued.*

Class 3.—Black Orpingtons, Wet Mash—*continued.*

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value.
							£ s. d.
59	A. W. H. Roberts, 12 Price-street, Regent	1	73	73	..	..	0 8 5·34
		2	101	100	1	..	0 11 0·40
		3	160	159	1	..	0 19 0·38
		4	136	136	..	..	0 14 7·52
		5	125	125	..	..	0 15 9·67
		6	130	129	1	..	0 15 9·25
		x	9	9	..	..	0 1 1·17
		..	734	731	3	..	4 5 9·73

Class 4.—Black Orpingtons, Free Choice.

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value
							£ s. d.
60	1st Prize, Champion Certificate—	1	254	228	26	1	1 12 0·83
		2	132	131	1	..	0 14 5·56
	C. B. Walden, Bryson-road, Ringwood	3	236	84	152	7	1 4 5·44
		4	214	181	33	..	1 4 5·18
		5	181	170	11	..	1 2 2·06
		6	198	193	5	1	1 3 6·09
		x	16	8	8	1	0 2 9·00
		..	1,231	995	236	10	7 3 10·16
61	G. J. White, Allwell Poultry Farm, Glen Waverley	1	172	133	19	..	0 19 7·41
		2	143	102	41	1	0 15 10·84
		* 3	107	48	59	11	0 15 9·76
		4	158	62	96	13	0 15 3·17
		5	209	204	5	1	1 7 3·40
		6	171	157	14	..	1 0 2·39
		x	1	..	1	..	0 0 1·81
		..	961	726	235	26	5 14 2·78

* Died 21.8.28.

Class 5.—White Leghorns, Free Choice.

Pen No	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value.
							£ s. d.
65	1st Prize, Champion Certificate—	1	203	194	9	..	1 4 11·31
		2	197	189	8	1	1 2 9·94
	A. J. Hill, Sunraysia Poultry Farm, Greensborough	3	182	175	7	..	1 0 9·89
		4	202	147	55	3	1 2 10·89
		5	206	204	2	..	1 3 10·37
		6	223	93	130	2	1 3 11·57
		x	2	2	..	..	0 0 4·17
		..	1,215	1,004	211	6	6 19 8·14

Section A—*continued.*

Class 5.—White Leghorns, Free Choice—*continued.*

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value. £	s.	d.
62	W. H. Bamford, 74 Adelaide-road, Glenelg, South Australia (requisite number of eggs not laid to qualify for 2nd prize)	1	193	192	1	..	1	3	0·94
		2	192	178	14	..	1	2	1·55
		3	203	123	80	9	1	1	11·52
		4	196	180	16	..	1	2	5·27
		*5	198	167	31	2	1	3	3·70
		6	195	195	..	1	1	2	11·01
		x	3	3	..	..	0	0	5·91
		..	1,180	1,038	142	12	6	16	3·90
63	3rd Prize, Government Certificate— N. Burston, Bulleen-road, Camberwell	1	210	196	14	6	1	4	4·17
		2	209	207	2	..	1	3	6·78
		3	205	138	67	..	1	1	11·51
		4	191	47	144	3	0	16	8·95
		5	189	177	12	..	1	0	0·52
		6	206	198	8	..	1	2	8·27
		x	5	3	2	1	0	0	10·99
		..	1,215	966	249	10	6	10	3·19
64	G. J. White, Allwell Poultry Farm, Glen Waverley	1	165	165	..	..	0	18	2·00
		2	174	169	5	..	0	19	4·70
		3	163	158	5	..	0	18	6·79
		4	151	149	2	..	0	16	1·04
		5	195	190	5	..	1	1	5·32
		†6	120	119	1	..	0	13	5·57
		x	3	1	2	..	0	0	4·58
		..	971	951	20	..	5	7	6·00

* Died 3.2.29. † Died 11.2.29.

Class 6.—All Light Breeds, other than White Leghorns, Wet Mash (Black Leghorns).

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value. £	s.	d.
67	1st Prize, Champion Certificate— W. G. Rose, "Oakdene," Oak-avenue, Mentone	1	200	188	12	..	1	3	4·77
		2	185	132	53	..	1	1	7·95
		3	198	155	43	..	1	3	9·25
		4	197	191	6	..	1	5	5·42
		5	204	166	38	3	1	4	8·01
		6	164	149	15	..	0	18	6·75
		x	3	2	1	..	0	0	5·17
		..	1,151	983	168	3	6	17	11·32

Section A—*continued.*

Class 6.—All Light Breeds, other than White Leghorns, Wet Mash (Black Leghorns)—*continued.*

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value. £	s.	d.
66	Fulham Park Poultry Farm (W. and J. Cockbill, jun.), "Fulham Park," Rockbank	1	109	109	..	..	0	11	0·82
		2	103	103	..	..	0	11	3·76
		* 3	87	86	1	..	0	12	1·39
		4	146	139	7	1	0	17	2·04
		5	130	130	..	..	0	14	9·43
		6	187	187	..	..	1	2	3·60
		x	3	3	..	..	0	0	6·09
		..	765	757	8	1	4	9	3·13

* Died 7.1.29.

Class 7.—All Heavy Breeds, other than Black Orpingtons, Wet Mash (Rhode Island Reds).

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value. £	s.	d.
69	1st Prize, Champion Certificate— W. Donovan, 24 Regent-street, Middle Brighton	1	187	178	9	..	1	1	9·60
		2	235	230	5	..	1	9	10·35
		3	224	223	1	..	1	9	4·88
		4	206	205	1	..	1	6	1·95
		5	239	232	7	..	1	9	5·82
		6	212	211	1	..	1	7	11·07
		x	1	1	..	..	0	0	2·08
		..	1,304	1,280	24	..	8	4	9·75
70	Farrin Webb, "Rafa," Traralgon	1	148	148	..	..	0	15	10·67
		2	204	204	..	..	1	4	2·00
		3	147	147	..	..	0	14	10·93
		4	109	109	..	..	0	10	6·93
		5	172	172	..	..	1	0	2·26
		6	146	146	..	..	0	15	4·59
		x	7	7	..	..	0	1	0·25
		..	933	933	..	..	5	2	1·63
68	G. A. Strongman, Faraday-road, Golden Point, via Castlemaine	1	182	181	1	..	1	1	4·39
		2	157	155	2	..	0	16	5·47
		3	126	124	2	..	0	13	2·80
		4	156	155	1	..	0	16	11·68
		5	185	182	3	1	1	0	9·72
		* 6	3	3	..	..	0	0	6·25
		x	2	1	1	..	0	0	3·23
		..	811	801	10	1	4	9	7·54

* Died 22.7.28.

Section B—Individual Birds—Single Test.

Pen No.	Competitor.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value.
						£ s. d.
	Class 1.—White Leghorns, Wet Mash.					
	1st Prize, Champion Certificate, also Trophy, valued £1—					
3	D. McDonnell, 32 Childers-street, East Kew ..	283	282	1	..	1 16 9
	2nd Prize, Government Certificate—					
30	G. McDonnell, 32 Childers-street, East Kew	279	279	..	..	1 16 6·35
	3rd Prize, Government Certificate—					
12	H. Hanbury, Patrick-street, East Oakleigh	279	266	13	..	1 16 6·09
	OTHER COMPETITORS.					
9	T. L. Eastaugh	274	274	..	..	1 15 10
50	W. Woods	262	260	2	..	1 14 4·79
5	A. Rankin	274	208	66	..	1 14 4·77
64	J. Brighton and Son ..	260	260	..	..	1 14 1
54	W. J. Flack	293	148	145	1	1 13 9
100	Mrs. McDonnell	261	260	1	3	1 13 6
63	J. Brighton and Son ..	250	249	1	..	1 13 0
69	Don Granter	252	248	4	..	1 12 11·68
8	L. E. Mackenzie	261	250	11	..	1 12 11·05
60	E. J. McChesney	252	249	3	..	1 12 9
14	N. H. Ramsden	248	246	2	..	1 12 6
44	W. Ellis	266	213	53	..	1 12 5
38	R. R. Christie	241	239	2	..	1 12 4
15	C. D. Fretwell	252	248	4	1	1 12 2
13	N. H. Ramsden	243	238	5	3	1 12 1·95
42	"Navara" Poultry Farm ..	245	244	1	..	1 12 1·46
45	G. H. Gipps	247	247	..	..	1 12 0
78	E. and D. O'Mullane ..	250	239	11	..	1 11 11
33	Lawrance and Sons.. ..	252	247	5	..	1 11 7·59
39	Anstis Bros.	241	240	1	..	1 11 7·10
17	Ashbrook Poultry Farm ..	243	233	10	1	1 11 6
99	Mrs. McDonnell	252	252	..	..	1 11 4·12
53	W. J. Flack	267	179	88	..	1 11 4·01
88	Kadima Poultry Farm ..	246	238	8	..	1 11 3
26	"Shawville"	248	241	7	..	1 11 2
28	Norman Meyers	240	239	1	..	1 10 11
57	H. R. Chesney	247	201	46	..	1 10 8
16	C. D. Fretwell	239	238	1	1	1 10 7
4	D. McDonnell	239	239	..	..	1 10 5
27	Norman Meyers	248	243	5	..	1 10 4·95
71	W. H. Bamford, S.A. ..	229	227	2	1	1 10 4·13

(*d*) Died.

Section B—*continued.*

Pen No.	Name.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value.
						£ s. d.
	CLASS 1.—WHITE LEGHORNS, WET MASH—*continued.*					
34	Lawrance and Sons	230	228	2	..	1 10 3
47	Roy Sanders	244	190	54	..	1 10 1
68	A. N. Ormrod	228	227	1	..	1 10 0·29
82	F. A. James	244	189	55	2	1 10 0·04
56	C. R. Fagg	228	223	5	..	1 9 10
23	D. A. Dimmick	228	227	1	..	1 9 9·37
11	H. Hanbury	229	228	1	..	1 9 9·25
2	T. J. Stevens	274	113	161	1	1 9 7
59	E. J. McChesney	224	203	21	..	1 9 3
6	A. Rankin	236	186	50	..	1 9 1·60
81	F. A. James	243	224	19	..	1 9 1·31
72	W. H. Bamford, S.A.	220	220	..	..	1 9 0
1	T. J. Stevens	232	205	27	..	1 8 10
46	G. H. Gipps	223	223	..	..	1 8 8
7	L. E. Mackenzie	231	230	1	..	1 8 7·59
58	H. R. McChesney	219	217	2	..	1 8 7.22
96	M. G. Leech	231	220	11	1	1 8 5
49	W. Woods	229	220	9	..	1 8 3
65	Morton Bros.	224	219	5	..	1 8 2
24	D. A. Dimmick	231	228	3	..	1 8 1
66	Morton Bros.	223	222	1	..	1 7 9
37	R. R. Christie	212	212	..	..	1 7 8·83
86	A. V. Ricketts	246	128	118	3	1 7 8·10
61	T. A. Mentiplay	216	201	15	2	1 7 7
19	W. Cullen	223	218	5	..	1 7 2·53
70	Don Granter	212	203	9	..	1 7 2·26
21	J. Dutton	236	233	3	..	1 7 1
35	Mrs. A. Oxley	209	208	1	..	1 7 0·74
36	Mrs. A. Oxley	202	190	12	..	1 7 0·58
80	G. B. Brown	213	213	..	..	1 7 0·25
41	"Navara" Poultry Farm	216	215	1	..	1 6 10
77	E. and D. O'Mullane	215	212	3	..	1 6 9·49
20	W. Cullen	201	195	6	..	1 6 9·06
10	T. L. Eastaugh	219	216	3	..	1 6 3·33
62	T. A. Mentiplay	201	201	..	..	1 6 1·68
32	"Feathertop"	217	217	..	..	1 6 1·51
43	W. Ellis	204	204	..	1	1 6 0
94	G. D. Witham	211	197	14	2	1 5 6
89	A. Martin	193	193	..	1	1 5 5
29	G. McDonnell	200	200	..	..	1 5 4
73	G. McCutchan	189	185	4	..	1 4 9
48	Roy Sanders	194	161	33	..	1 4 8 (*d*)
92	B. Harrison	198	127	71	2	1 4 5·53
52	P. N. Tilley	195	192	3	..	1 4 5·29
79	G. B. Brown	212	200	12	..	1 4 4
31	"Feathertop"	208	208	..	..	1 4 3·50
85	A. V. Ricketts	214	212	2	..	1 4 3·21
55	C. R. Fagg	189	184	5	..	1 4 0
93	G. D. Witham	202	187	15	..	1 3 9
90	A. Martin	202	202	..	..	1 3 2
98	F. Julyan	164	163	1	..	1 2 11 (*d*)

(*d*) Died.

Section B—*continued.*

Pen No.	Competitor.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value.	
						£ s. d.	
	CLASS 1.—WHITE LEGHORNS, WET MASH—*continued.*						
25	"Shawville"	195	195	..	..	1 2 6	
76	Jack Ryan	176	175	1	..	1 2 2	
51	P. N. Tilley	145	140	5	1	1 2 1·26	
22	J. Dutton	191	191	..	..	1 2 1	
40	Anstis Bros.	169	168	1	..	1 1 10	
67	A. N. Ormrod	150	149	1	..	1 0 11·05	
74	G. McCutchan	193	118	75	..	1 0 11·03	
84	Davison Bros.	188	179	9	1	1 0 9	
18	Ashbrook Poultry Farm ..	177	176	1	..	0 19 0	
91	B. Harrison	156	155	1	..	0 18 5	
83	Davison Bros.	146	141	5	..	0 14 5	
75	Jack Ryan	77	77	..	..	0 13 7	(*d*)
87	Kadima Poultry Farm ..	66	53	13	..	0 10 11	
97	F. Julyan	28	26	2	..	0 5 4	(*d*)
95	M. G. Leech	24	9	15	..	0 3 9	(*d*)
	Class 2.—White Leghorns, Dry Mash.						
	1st Prize, Champion Certificate—						
238	Mrs. McDonnell, 32 Childers-street, East Kew	285	285	..	..	1 16 8	
	2nd Prize, Government Certificate—						
211	J. Brighton and Son, Stamford-road, Oakleigh	268	264	4	..	1 13 7	
	3rd Prize, Government Certificate—						
179	D. McDonnell, 32 Childers-street, East Kew	257	257	..	..	1 13 2	
	OTHER COMPETITORS.						
229	A. V. Ricketts	252	228	24	..	1 11 6	
231	Kadima Poultry Farm ..	258	236	22	..	1 11 2	
195	G. McDonnell	244	243	1	..	1 10 11	
226	J. H. Wernli	229	224	5	..	1 10 5	
227	F. A. James	231	230	1	..	1 10 1	
210	T. A. Montiplay	255	202	53	..	1 9 8	
224	G. B. Brown	240	237	3	..	1 9 7	
186	C. P. Warren	233	231	2	..	1 9 6	
222	E. and D. O'Mullane ..	234	229	5	..	1 8 9·57	
178	G. J. Stevens	241	241	..	..	1 8 9·26	
215	Mrs. C. T. Payne	247	183	64	1	1 8 8	
185	C. P. Warren	230	227	3	..	1 8 2	
234	Henry Beet, New South Wales	223	223	..	..	1 8 1	
204	P. N. Tilley	208	208	..	..	1 7 10	
230	A. V. Ricketts	217	217	..	..	1 7 5·34	
189	Melville Poultry Farm ..	215	208	7	2	1 7 5·21	
236	O. H. Gepp	213	207	6	..	1 7 4	
201	W. Woods	221	221	..	..	1 6 11	

(*d*) Died.

Section B—*continued.*

Pen No.	Competitor.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value.	
						£ s. d.	
	CLASS 2.—WHITE LEGHORNS, DRY MASH—*continued.*						
205	W. J. Flack	241	171	70	2	1 6 8·90	
182	F. May	213	211	2	..	1 6 8·80	
219	Jack Ryan	198	197	1	..	1 6 7	
188	C. D. Fretwell	214	214	..	..	1 6 6	
181	F. May	196	162	34	..	1 6 5	
193	Norman Meyers	219	215	4	..	1 6 4	
225	J. H. Wernli	219	219	..	..	1 6 2	
220	Jack Ryan	197	197	..	..	1 6 1	
177	T. J. Stevens	221	221	..	..	1 5 3	
198	R. R. Christie	215	215	..	..	1 5 2	
223	G. B. Brown	201	194	7	..	1 5 0	
199	L. E. McKenzie	223	222	1	..	1 4 11	
228	F. A. James	191	174	17	..	1 4 8	
218	H. Barker	203	198	5	..	1 4 5	
214	W. H. Rea	206	204	2	..	1 4 3	
184	H. W. Smith	209	209	..	..	1 4 1	
200	L. E. McKenzie	200	200	..	..	1 3 9	
207	C. R. Fagg	195	187	8	..	1 3 8	
212	J. Brighton and Son ..	202	202	..	1	1 3 7	
183	H. W. Smith	212	204	8	..	1 3 3	
235	O. H. Gepp	188	181	7	..	1 3 1	
180	D. McDonnell	187	184	3	..	1 3 0	
217	H. Barker	185	175	10	..	1 2 11	
209	T. A. Mentiplay	191	190	1	..	1 2 5·65	
213	W. H. Rea	197	195	2	..	1 2 5·07	
190	Melville Poultry Farm ..	203	118	85	8	1 1 5	
232	Kadima Poultry Farm ..	196	193	3	..	1 1 4	
196	G. McDonnell	180	178	2	..	1 0 11	
216	Mrs. C. T. Payne	162	162	..	..	0 19 6	
206	W. J. Flack	166	161	5	8	0 19 2	
208	C. R. Fagg	160	157	3	..	0 19 1	
191	MacVean and McNaughton ..	127	92	35	1	0 16 4	(*d*)
187	C. D. Fretwell	151	65	86	..	0 14 1	
237	Mrs. McDonnell	90	90	..	..	0 13 8	(*d*)
197	R. R. Christie	100	96	4	..	0 11 6	(*d*)
202	W. Woods	103	103	..	..	0 11 3	(*d*)
192	MacVean and McNaughton ..	45	40	5	..	0 7 11	
194	Norman Meyers	42	29	13	..	0 6 0	
203	P. N. Tilley	22	18	4	..	0 3 11	
233	Henry Beet, N.S.W. ..	16	16	..	..	0 2 11	(*d*)
221	E. and D. O'Mullane ..	16	1	15	..	0 2 3	(*d*)
	Class 3.—All Light Breeds, other than White Leghorns, Wet Mash.						
	1st Prize, Champion Certificate—						
109	Fulham Park Poultry Farm (W. and J. Cockbill, jun.), "Fulham Park," Rockbank (Black Leghorn)	235	230	5	..	1 10 3	

(*d*) Died.

Section B—*continued.*

Pen No.	Competitor.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value.
						£ s. d.
	CLASS 3.—ALL LIGHT BREEDS, OTHER THAN WHITE LEGHORNS, WET MASH —*continued.*					
106	Farrin Webb (Ancona) ..	216	210	6	1	1 7 0
108	Wm. Cocking (Brown Leghorn)	200	200	..	..	1 4 9
105	Farrin Webb (Ancona) ..	184	175	9	..	1 4 8
103	S. Lawrence (Minorca) ..	206	206	..	..	1 4 7
110	"Fulham Park" (Black Leghorn)	194	167	27	1	1 2 4
107	Wm. Cocking (Brown Leghorn)	178	178	..	..	1 1 3
104	S. Lawrence (Minorca) ..	119	119	..	..	0 12 2
	Class 4.—Black Orpingtons, Wet Mash.					
	1st Prize, Champion Certificate, also Trophy, valued at £4—					
138	J. Thompson, Raymond-street, Sale	293	292	1	..	1 18 5
	2nd Prize, Government Certicate, also Trophy, valued £2—					
134	C. E. Graham, Portarlington	280	280	..	1	1 17 5
	3rd Prize, Government Certificate—					
159	A. J. C. Anderson, c/o Miss Muirhead, 131 Farnsworth-street, Castlemaine ..	264	264	..	..	1 14 11
	OTHER COMPETITORS.					
153	T. R. Ward	253	250	3	..	1 14 6
132	"Shawville"	255	254	1	..	1 14 1
142	R. R. Christie	261	242	19	..	1 14 0
129	C. C. Dunn	251	251	..	..	1 13 3
137	J. Thompson	245	212	33	..	1 12 8
125	W. Cullen	256	254	2	..	1 11 7
161	A. J. Wallace	242	240	2	..	1 11 3·57
127	Wingood Poultry Yard ..	221	221	..	..	1 11 3·41
147	H. R. McChesney	224	221	3	..	1 11 1
164	F. Julyan	235	235	..	..	1 10 9
139	Marville Poultry Farm ..	229	228	1	..	1 10 8
144	Mrs. R. W. Douglas ..	237	236	1	1	1 10 5
148	H. R. McChesney	213	213	..	..	1 8 11
133	C. E. Graham	215	215	..	..	1 8 5
123	H. W. Smith	241	236	5	..	1 8 4
140	Marville Poultry Farm ..	221	213	8	1	1 8 2
114	T. L. Eastaugh	216	215	1	..	1 7 9
141	R. R. Christie	193	193	..	..	1 7 5

Section B.—*continued.*

Pen No.	Competitor.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value.	
						£ s. d.	
	CLASS 4.—BLACK ORPINGTONS, WET MASH—*continued.*						
128	Wingood Poultry Farm ..	199	199	..	..	1 6 11·65	
122	Oswald Pearce	204	195	9	..	1 6 11·53	
124	H. W. Smith	238	195	43	1	1 6 6	
151	J. F. D. Reid	209	138	71	5	1 6 4·93	
126	W. Cullen	193	193	..	..	1 6 4·26	(*d*)
146	J. Taylor	206	194	12	..	1 5 7	
157	Kadima Poultry Farm ..	218	190	28	..	1 5 3	
163	F. Julyan	195	195	..	..	1 4 11	
154	T. R. Ward	196	190	6	..	1 4 7	
118	N. H. Ramsden	204	204	..	..	1 4 5	
143	Mrs. R. W. Douglas ..	206	144	62	..	1 3 11·74	(*d*)
130	C. C. Dunn	201	201	..	..	1 3 11·68	
162	A. J. Wallace	200	200	..	..	1 3 8	
155	H. G. Taylor	185	185	..	..	1 3 0	
121	Oswald Pearce	175	174	1	..	1 2 5·80	(*d*)
152	J. F. D. Reid	189	188	1	..	1 2 5·02	
149	T. A. Mentiplay	147	145	2	..	1 2 4	
160	A. J. C. Anderson	149	148	1	..	1 2 3	
115	C. J. Masters	152	152	..	..	1 1 5	
119	Mrs. J. Long	169	169	..	..	1 1 3	
112	P. W. Fleming	158	157	1	..	1 1 0	
135	F. J. Bryant	175	168	7	..	1 0 10	
116	C. J. Masters	164	164	..	1	1 0 6	
111	P. W. Fleming	152	152	..	..	1 0 3	
158	Kadima Poultry Farm ..	167	166	1	..	0 19 10	
150	T. A. Mentiplay	134	133	1	..	0 19 9	
120	Mrs. J. Long	180	147	33	3	0 19 3	
156	H. G. Taylor	137	135	2	..	0 17 5	
117	N. H. Ramsden	151	151	..	..	0 17 4	
145	J. Taylor	127	111	16	..	0 16 5	
113	T. L. Eastaugh	119	14	105	1	0 14 11	(*r*)
136	F. J. Bryant	100	35	65	18	0 12 11	(*d*)
131	"Shawville"	60	60	..	..	0 6 8	(*d*)
	Class 5.—All Heavy Breeds, other than Black Orpingtons, Wet Mash.						
	1st Prize, Champion Certificate—						
173	W. Tedstone, White Horse-road, Balwyn (Rhode Island White)	243	235	8	..	1 11 4	
	2nd Prize, Government Certificate—						
170	W. Cocking, Mickleham P.O. (Light Sussex)	223	222	1	..	1 9 1	
	OTHER COMPETITORS.						
172	J. C. Blyth (Rhode Island Red)	123	212	1	..	1 8 1	
166	N. H. Ramsden (Light Sussex)	199	199	..	..	1 7 3	
165	N. H. Ramsden (Light Sussex)	201	197	4	..	1 6 6	

(*d*) Died.

Section B—*continued.*

Pen No.	Competitor.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value.	
						£ s. d.	
	CLASS 5.—BLACK ORPINGTONS, WET MASH—*continued.*						
168	G. E. Rees (Rhode Island Red)	180	178	2	..	1 5 2	
175	J. D. Blyth (Rhode Island Red)	200	199	1	..	1 4 10	
171	J. C. Blyth (Rhode Island Red)	183	183	..	..	1 4 3	
169	Wm. Cocking (Light Sussex) ..	189	171	18	1	1 0 6	
174	W. Tedstone (Rhode Island White)	146	145	5	..	0 15 8	
176	J. D. Blyth (Rhode Island Red)	134	134	..	..	0 14 3	
167	G. E. Rees (Rhode Island Red)	62	58	4	..	0 10 2	(r)

For the Greatest Value of Eggs laid by Individual Birds in each Class of Section A.

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value.
							£ s. d.
	Class 1.—White Leghorns, Wet Mash.						
	1st Prize, Champion Certificate—						
3	G. B. Brown, 6 Fairfield-avenue, Camberwell ..	3	266	252	14	..	1 14 7·32
	2nd Prize, Government Certificate—						
19	W. H. Bamford, 74 Adelaide-road, Glenelg, S.A. ..	4	247	247	..	..	1 12 2·92
	3rd Prize, Government Certificate—						
19	W. H. Bamford, 74 Adelaide-road, Glenelg, S.A. ..	1	256	237	19	..	1 12 0·9
	Class 2.—White Leghorns, Dry Mash.						
	1st Prize, Champion Certificate—						
34	N. Burston, Bulleen-road, Camberwell	3	254	253	1	..	1 13 5·51
	2nd Prize, Government Certificate—						
33	A. Enticknap, 38 Serrell-street, East Malvern ..	3	247	237	10	..	1 11 9·71
	3rd Prize, Government Certificate—						
33	A. Enticknap, 38 Serrell-street, East Malvern ..	1	264	209	55	1	1 118·93

For the Greatest Value of Eggs laid by Individual Birds in each Class of Section A—*continued.*

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value.
							£ s. d.
	Class 3.—Black Orpingtons, Wet Mash.						
	1st Prize, Champion Certificate—						
41	T. L. Eastaugh, Point Nepean-road, Highett ..	4	249	249	..	..	1 13 6·24
	2nd Prize, Government Certificate—						
58	A. J. C. Anderson, c/o Miss Muirhead, 131 Farnworth-street, Castlemaine ..	6	254	251	3	..	1 12 11·90
	3rd Prize, Government Certificate—						
42	F. R. De Garis, "Hilfred," Holloway-road, Sandringham	1	268	190	78	1	1 12 10·85
	Class 4.—Black Orpingtons, Free Choice.						
	1st Prize, Champion Certificate—						
60	C. B. Waldon, Bryson-road, Ringwood	1	254	228	26	1	1 12 0·83
61	G. J. White, Allwell Poultry Farm, Glen Waverley (requisite number of eggs not laid to qualify for 2nd prize)	5	209	204	5	1	1 7 3·40
	3rd Prize, Government Certificate—						
60	C. B. Walden, Bryson-road, road, Ringwood ..	3	236	84	152	7	1 4 5·44
	Class 5.—White Leghorns, Free Choice.						
65	A. J. Hill, Sunraysia Poultry Farm, Greensborough (requisite number of eggs not laid to qualify for 1st prize)	1	203	194	9	..	1 4 11·31
63	N. Burston, Bulleen-road, Camberwell (requisite number of eggs not laid to qualify for 2nd prize)	1	210	196	14	6	1 4 4·17
	3rd Prize, Government Certificate—						
65	A. J. Hill, Sunraysia Poultry Farm, Greensborough ..	6	223	93	130	2	1 3 11·57

For the Greatest Value of Eggs laid by Individual Birds in each Class of Section A—*continued.*

Pen No.	Name and Address.	Bird No.	Total Eggs.	First Grade.	Second Grade.	Under Weight.	Total Value.
							£ s. d.

Class 6.—All Light Breeds other than White Leghorns. Wet Mash (Black Leghorns.)

No birds laid the requisite number of eggs to qualify for prize.

Class 7.—All Heavy Breeds other than Black Orpingtons. Wet Mash (Rhode Island Reds.)

	1st Prize, Champion Certificate—						
69	W. Donovan, 24 Regent-street, Middle Brighton..	2	235	230	5	..	1 9 10·35
	2nd Prize, Government Certificate—						
69	W. Donovan, 24 Regent-street, Middle Brighton..	5	239	232	7	..	1 9 5·82
	3rd Prize, Government Certificate—						
69	W. Donovan, 24 Regent-street, Middle Brighton..	3	224	223	1	..	1 9 4·88

Section A.—Pen Certificates.

First class certificates of merit have been awarded to those pens which averaged 200 first grade eggs, and to the individual birds which laid 220 first grade eggs.

Section B.—Individual Birds.

First class certificates of merit have been awarded to those birds which laid 240 first grade eggs.

Details of Final Results.

For the purpose of valuation, first grade eggs were valued at market price. During the first two months of the competition a first grade egg must have weighed not less than $1\frac{3}{4}$ oz., and therefore not less than 2 oz. Eggs under these weights were not valued.

DUCKS.

Section A—Groups of Six Birds—Single Tested.

Pen No.	Name and Address.	Bird No.	Total Eggs.	Under Weight.	Total Value. £ s. d.
1–6	1st Prize, Champion Certificate— M. G. Leech, Trevallyn Poultry Farm, Sydney-road, Campbellfield (Khaki Campbell)	1	283	..	1 17 0·49
		2	302	..	2 0 2·43
		2	317	..	2 2 4·83
		4	275	..	1 17 8·49
		5	295	..	1 18 9·43
		6	261	..	1 15 5·33
		..	1,733	..	11 11 7·00
13–18	2nd Prize, Government Certificate— W. L. Newton, Ashley Hill Poultry Farm, Woodstock (Fawn and White Indian Runner)	13	296	..	1 17 9·66
		14	238	..	1 11 3·49
		15	218	..	1 10 5·50
		*16	224	..	1 10 7·74
		17	196	..	1 5 3·58
		18	268	..	1 14 7·57
		..	1,440	..	9 10 1·54
7–12	3rd Prize, Government Certificate— Orana Poultry Farm (G. Crawford), Mitcham (Khaki Campbell)	7	228	1	1 11 2·09
		†8	194	1	1 8 2·16
		9	202	1	1 0 10·91
		10	215	..	1 10 4·07
		11	170	..	1 0 3·90
		12	211	1	1 3 6·00
		..	1,220	4	7 14 5·13
19–24	D. Jacka, Wainwright-street, Ballarat East (Fawn and White Indian Runner)	19	144	..	0 14 5·74
		20	181	..	0 18 2·65
		21	161	..	0 17 0·25
		22	200	..	1 1 5·18
		23	166	..	0 16 5·24
		24	163	..	0 16 8·65
		..	1,015	..	5 4 3·71
25–30	A. E. Kerrison, McDowell-street, Greensborough (Buff Orpington)	25	129	..	0 12 5·75
		26	130	..	0 12 7·83
		27	139	..	0 14 11·76
		28	156	..	0 15 5·66
		29	114	..	0 11 1·75
		30	181	..	1 3 7·83
		..	849	..	4 10 4·58

* Died 21.12.28. † Died 26.12.28.

DUCKS—*continued.*

Section B—Groups of Three Birds—Single Tested.

Pen No.	Name and Address.	Bird No.	Total Eggs.	Under Weight.	Total Value. £ s. d.
40–42	1st Prize, Champion Certificate— M. G. Leech, Trevallyn Poultry Farm, Sydney-road, Campbellfield (Khaki Campbell)	40	212	..	1 10 11·86
		41	261	..	1 15 5·09
		42	280	..	1 17 0·49
		..	753	..	5 3 5·44
55–57	2nd Prize, Government Certificate— M. Burns, Rosehill Poultry Farm, Spring-road, Spring Vale (Rouen)	55	221	..	1 9 9·83
		56	235	..	1 11 8·98
		57	299	..	2 0 1·50
		..	755	..	5 1 s·31
52–54	3rd Prize, Government Certificate— Glenmona Poultry Farm (W. M. Vale), Box 15, Yarram (Fawn and White Indian Runner)	52	283	..	1 17 3·58
		53	229	..	1 12 3·01
		54	211	..	1 3 5·73
		..	723	..	4 13 0·32
46–48	A. M. Whittenbury, Magill-road, Magill South Australia (White Indian Runner)	46	254	2	1 12 11·00
		47	234	2	1 10 10·56
		48	147	..	1 0 6·41
		..	635	4	4 4 3·97
37–39	Orana Poultry Farm (G. Crawford), Mitcham (Khaki Campbell)	37	167	..	0 17 6·24
		38	232	4	1 7 10·75
		39	280	..	1 16 6·67
		..	679	4	4 1 11·66
43–45	G. H. Gipps, "Rose Bank," Woodland-road, North Essendon (White Indian Runner)	43	233	..	1 8 4·16
		44	220	..	1 3 10·24
		45	222	..	1 7 4·57
		..	675	..	3 19 6·97
34–36	Miles and Veitch, "Yutha," Earlsfield-road, Hampton (Khaki Campbell)	34	197	..	1 6 11·65
		35	218	..	1 9 8·09
		36	183	..	0 18 10·41
		..	598	..	3 15 6·15
58–60	D. Jacka, Wainwright-street, Ballarat East (Fawn and White Indian Runner)	58	142	2	0 15 4·40
		59	247	..	1 7 2·41
		60	166	..	0 16 4·75
		..	555	2	2 18 11·65

DUCKS—*continued.*

Section B—Groups of Three Birds—Single Tested—*continued.*

Pen No.	Name and Address.	Bird No.	Total Egg.	Under Weight.	Total Value.
					£ *s.* *d.*
49–51	R. Grace, Clayton-road, Clayton ..	49	181	..	1 2 3·58
		50	143	..	0 14 7·91
		51	157	..	0 15 8·66
		..	481	..	2 12 8·15
31–33	J. Anderson, North Castlemaine ..	31	33	..	0 3 5·41
		32	246	..	1 12 1·57
		33	133	..	0 13 8·50
		..	412	..	2 9 3·48

For the Greatest Value of Eggs laid by Individual Birds in Sections A and B.

Bird No.	Name and Address.	Total Eggs.	Under Weight.	Total Value.
				£ *s.* *d.*
	Section A—Groups of Six Birds—Single Tested.			
	1st Prize, Champion Certificate.			
3	M. G. Leech, Trevallyn Poultry Farm, Sydney-road, Campbellfield	317	..	2 2 4·83
	2nd Prize, Government Certificate.			
2	M. G. Leech, Trevallyn Poultry Farm, Sydney-road, Campbellfield	302	..	2 0 2·43
	3rd Prize, Government Certificate.			
5	M. G. Leech, Trevallyn Poultry Farm, Sydney-road, Campbellfield	295	..	1 18 9·43
	Section B—Groups of Three Birds—Single Tested.			
	1st Prize, Champion Certificate.			
57	M. Burns, Rosehill Poultry Farm, Spring-road, Spring Vale	299	..	2 0 1·50
	2nd Prize, Government Certificate.			
52	Glenmona Poultry Farm (W. M. Vale), Box 15, Yarram	283	..	1 17 3·58
	3rd Prize, Government Certificate.			
42	M. G. Leech, Trevallyn Poultry Farm, Sydney-road, Campbellfield	280	..	1 17 0·49

STANDARD HERD RECORDS

for Quarter ended 31st March, 1929.

In the following is set out the records of all cows which completed a lactation during the quarter. The number is 259, of which 208 qualify for the certificate.

The amount of butter fat required for qualification varies according to the age of the animal (up to 5 years at time of calving), the standards being as follow:—

Junior 2 year old (under 2½ years at time of calving) .. .. .. 200 lb. butter fat.
Senior 2 year old (between 2½ and 3 years at time of calving) .. .. 225 lb. butter fat.
Junior 3 year old (between 3 and 3½ years at time of calving) .. .. 250 lb. butter fat.
Senior 3 year old (between 3½ and 4 years at time of calving) .. .. 275 lb. butter fat.
Junior 4 year old (between 4 and 4½ years at time of calving) .. .. 300 lb. butter fat.
Senior 4 year old (between 4½ and 5 years at time of calving) .. .. 325 lb. butter fat.
Mature cow 5 years and over .. .. 350 lb. butter fat.

Owner.	No. completed Test.	No. Certificated.	Breed.	Name of Cow.	Age Standard.	Herd Book No.	Date of Calving.	Days in Test.	Milk last day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Previous Yields of Butter Fat in lb.
									lb.	lb.		lb.	lb.	
Mr. J. Anderson, Lyndhurst	2	2	Jersey	King's Vale, Lady Monica 23rd	Jr. 2 yrs.	24207	15.5.28	273	18	5,026	6.05	303.86	200	
				King's Vale Rosella 13th ..	Jr. 2 yrs.	24208	25.5.28	273	19	4,962	4.93	244.78	200	
Mrs. Archibald and Sons, Elmore	4	2	Jersey	LadyMonica of Mayfield Park	Sr. 3 yrs.	17681	1.4.28	273	10	4,680	5·18	242·47	275	246
				Daisy of Mayfield Park ..	Sr. 3 yrs.	17682	1.5.28	273	10	5,100	5·60	285·85	275	213
				Lady Monica 12th of King's Vale	Mature	10132	18.5.28	273	12	5,150	5·60	288·21	350	313, 365, 371, 348, 329
				Mayfield Park Lady Monica 3rd	Jr. 2 yrs.	22930	28.5.28	273	10	4,682	5·77	270·03	200	
Mr. W. H. Atherton, Murraydale	1	1	Jersey	Tiny 3rd of Beverley ..	Sr. 2 yrs.	21097	16.6.28	273	4	7,129	6·09	434·26	225	282

STANDARD HERD RECORDS—*continued.*

Owner.	No. completed Test.	No. Certificated.	Breed.	Name of Cow.	Age Standard.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Previous Yields of Butter Fat in lb.
									lb.	lb.		lb.	lb.	
Mr. W. K. Atkinson, Swan Hill	2	1	Milking Shorthorn	Countess 3rd of Willow Park ..	Jr. 2 yrs.	..	9.4.28	273	23½	7,217	4·29	309·55	200	
				Duchess 6th of Willow Park	Sr. 3 yrs.	..	14.5.28	273	20	7,302	3 70	270 09	275	
Mr. F. Austin, Lara	9	9	Jersey	Avalon Noble's Beauty ..	Sr. 2 yrs.	22946	27.4.28	273	21½	6,530	6.12	400.31	225	373
				Avalon Noble's Pansy ..	Sr. 2 yrs.	22947	4.5.28	273	18	6,414	6 12	392·30	225	323
				Mercedes Pansy 2nd of Avalon	Sr. 3 yrs.	18615	16.5.28	273	2·¼	8,565	5 78	495 27	275	323, 431
				Avalon Mercedes Buttercup 6th	Sr. 2 yrs.	22937	20.5.28	273	18½	7,328	5 19	380 53	225	299
				Mercedes Buttercup 4th ..	Sr. 4 yrs.	16599	27.5.28	273	26	9.890	5 09	502 94	325	263, 329, 371
				Avalon Mercedes Beauty ..	Sr. 2 yrs.	22933	1.6.28	273	16½	8,192	5 73	469.35	225	310
				Mercedes Pansy of Avalon ..	Sr. 4 yrs.	16609	4.6.28	273	23½	9.596	5 65	541 70	325	321, 344, 425
				Avalon Noble Pansy 2nd ..	Jr. 2 yrs.	22948	15.6.28	273	23½	7.506	5 69	426 82	200	
				Mercedes Buttercup 8th ..	Jr. 2 yrs.	22939	20.6.28	273	24	7,303	4·78	349·24	200	
Aveley Stud Farm, Whittlesea	1	1	Jersey	Anne of Aveley	Mature	16956	12.4.28	240	N.O.C.	9,158	4·54	415·92	350	310, 378
Mr. W. Axford, Camperdown	3	3	Jersey	Greta of Glenallwyn ..	Sr. 4 yrs.	16604	1.5.28	273	18	6,917	5·48	378 77	325	282
				Piccaninny of Leura ..	Jr. 3 yrs.	18626	8.5.28	273	18	7,039	5 79	407 59	250	
				Piccaninny 6th of Melksham Park	Mature	9859	21.5.28	273	15½	9,635	5.47	527 50	350	349
Mr. A. Ballsillie, Bendigo	2	1	Jersey	Gipsy Lass 2nd of Aberdour ..	Jr. 3 yrs.	19874	21.4.28	180	4	2,850	5·50	157 38	250	213
				Bluebell of Aberdour ..	Mature	14941	22.4.28	273	20½	7,004	5 04	352·81	350	382, 358, 319
Mrs. A. J. Black, Mt. Noorat	3	3	Jersey	Noorat Gwyneth	Jr. 2 yrs.	22988	30.3.28	273	11	4,683	5·73	269 39	200	
				Noorat Molly	Sr. 2 yrs.	22991	5.4.28	273	10	4,305	5 93	255 39	225	
				Noorat Gipsy	Sr. 2 yrs.	22987	6.4.28	273	13	6,669	5·58	372·09	225	

STANDARD HERD RECORDS—*continued.*

Owner.	No. completed Test.	No. Certificated.	Breed.	Name of Cow.	Age Standard.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Previous Yields of Butter Fat in lb.
									lb.	lb.		lb.	lb.	
S. Bolton, Mannerim	3	3	Jersey	Annie of Enterprise ..	Sr. 2 yrs.	21145	31.3.28	273	16	6,604	5 25	346·58	225	248
				Rosie of Enterprise ..	Jr. 3 yrs.	21146	22.4.28	273	17	6,648	5 18	344 34	250	271
				Trixie of Enterprise ..	Sr. 2 yrs.	21147	13.5.23	273	20	6,787	5 26	357 32	225	274
A. A. Broad, Sutton Grange	1	1	Jersey	Bunty 2nd Coliban ..	Mature	15485	1.4.28	273	36	10.788	5 17	557 69	350	365, 442, 483
Messrs. Cameron and Smith, Orbost	2	2	Red Poll	Victoria Magneto	Jr. 3 yrs.	1661A	11.4.28	273	15	8,160	4 34	354 48	250	319
				Victoria Vista	Jr. 3 yrs.	1676A	13.6.28	273	S.o.c.	7,715	4 70	362 94	250	250
D. Cameron and Son, Valencia Creek	2	2	Jersey	Birdsfoot of Springhurst ..	Mature	12211	3.5.28	273	10	7,599	5·88	446·89	350	396, 410, 426, 284
				Kirsty 19th of Jerseyholm ..	Sr. 2 yrs.	18739	20.5.28	273	13	5,970	6·08	363·16	225	287
W. C. Cayley, Werribee	3	3	Ayrshire	Priscilla of Glengowrie ..	Mature	11036	10.4.28	273	30	9,201	4 23	389 24	350	306, 331
				Frivolity of Riversdale ..	Jr. 2 yrs.	16569	15.4.28	273	13	7,659	4 16	318·70	200	
				Waratah of Sparrovale ..	Mature	9,110	11.6.28	273	18½	9,236	4 33	399 81	350	211, 224, 246
J. Charlton, Stony Creek	1	1	Jersey	Duchess of Lumeah ..	Sr. 3 yrs.	18660	26.6.28	273	16½	6,365	5·87	373 90	275	211, 305
R. M. Chirnside, Whittlesea	1	1	Jersey	Airmaid of the Falls ..	Sr. 2 yrs.	21585	10.6.28	273	16	5,573	5·50	306·42	225	
A. B. Clarke, Glenormiston	2	2	Jersey	Belladonna 2nd of Springhurst	Jr. 2 yrs.	21600	22.4.28	273	13	5,006	5·84	292·12	200	
				Bauhenia III. of Springhurst	Jr. 2 yrs.	21599	9.5.28	273	17½	6,041	5·89	355·68	200	

STANDARD HERD RECORDS—*continued.*

Owner.	No. completed Test.	No. Certificated.	Breed.	Name of Cow.	Age Standard.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Previous Yields of Butter Fat in lb.
									lb.	lb.		lb.	lb.	
R. C. Clymo, Bamawn	1	1	Ayrshire	Prudence of Gleneira ..	Mature	8867	10.4.28	273	19	9,017	4·36	392·86	350	282, 283, 252
J. Clyne, Upper Maffra West	2	2	Jersey	Fuchsia of Swansea ..	Sr. 2 yrs.	21190	6.5.28	273	16	6,861	5·80	397·85	225	230
				Fancy 2nd of Swansea ..	Sr. 2 yrs.	21188	19.6.28	273	14½	5,751	5·85	336·63	225	
W. and J. Cockbill, Rockbank	1	1	Ayrshire	Fulham Thelma	Jr. 2 yrs.	16059	26.6.28	273	13	5,064	4·33	219·02	200	
D. E. Cook, Loch	2	2	Jersey	Cootamundra of Wattle Vale	Sr. 4 yrs.	16629	12.6.28	273	15	6,035	6·10	368·31	325	271, 348
				Pride of Wattle Vale ..	Mature	9272	19.6.28	273	8	6,201	5·32	329·99	350	419, 448, 358
C. Coughlin, Yannathan	1	1	Jersey	Aveley Lettie 2nd	Jr. 3 yrs.	24222	4.6.28	273	8	4,989	5·35	267·05	250	
H. Cowling, Mornington	1	1	Jersey	Rarity XI. of Melrose ..	Mature	6944	10.5.28	273	26	10,212	5·46	557·24	350	365, 403, 334, 436, 512, 511, 426
N. C. De La Rue Weering	6	5	Jersey	Beauty of Colac	Sr. 4 yrs.	14979	30.4.28	273	13	6,388	5·06	323·51	325	210, 291, 280
				Carnation of Colac ..	Mature	21239	14.5.28	273	13	6,922	5·47	378 94	350	267, 347, 316
				Margie of Colac	Sr. 4 yrs.	21244	14.5.28	273	13	6,122	5·51	339·80	325	261, 276, 271
				Lucerne Vale Trixie ..	Sr. 3 yrs.	18461	16.5.28	273	11	5,037	5·86	295·33	275	223, 240
				Lucerne Vale Viscount's Noble Queen	Jr. 2 yrs.	21243	16.5.28	273	14	6,455	5·91	381·10	200	
				Lucerne Vale Trixie 2nd ..	Jr. 2 yrs.	23087	8.6.28	273	16	5,954	6·14	364·77	200	
Department of Agriculture, Werribee	2	2	Friesian	Victoria Pieby	Sr. 2 yrs.	Vol. 9	6.4.28	273	41½	11,861	3·48	413·04	225	
				Victoria Oakbell	Sr. 3 yrs.	2,069	14.6.28	273	30	10,460	3·34	349·63	275	257

STANDARD HERD RECORDS—*continued.*

Owner.	No. completed Test.	No. Certificated.	Breed.	Name of Cow.	Age Standard.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Previous Yields of Butter Fat in lb.
									lb.	lb.		lb.	lb.	
Department of Agriculture, Werribee	9	7	Red Polled	Victoria Coronation ..	Mature	792B	14.4.28	273	19	8,382	4·03	337 50	350	308, 295, 375, 309
				Victoria Sweet briar ..	Jr. 4 yrs.	1247	20.4.28	273	14½	7,009	4·52	316·46	300	272, 328
				Victoria Basra	Sr. 4 yrs.	1145A	21.4.28	273	20½	7,022	4·96	348 24	325	302
				Victoria Pele	Sr. 3 yrs.	1667A	15.5.28	273	27	8,304	4 27	354·46	275	309
				Victoria Joan of Arc ..	Jr. 4 yrs.	1244B	26.5.28	273	25½	8,885	4·98	442·54	300	354
				Victoria Longbird	Mature	1158A	28.5.28	273	19	7,697	4·89	376·29	350	306, 249
				Victoria Avesta	Jr. 4 yrs.	1142B	17.6.28	273	28	7,977	4·60	366·90	300	300
				Victoria Ghenta	Mature	793B	18.6.28	273	N.O.C.	11,879	4·18	496 02	350	321, 207, 338, 349
				Victoria Veloutine	Mature	561AA	18.6.28	273	24½	7,530	3·51	264·55	350	201, 330, 337, 179
Dickenson Bros., Sebastopol	1	1	Friesian	Bonny Jean 2nd of Ashby ..	Mature	1003	21.6.28	273	28	12,284	3·40	417·74	350	364
Dookie Agricultural College, Dookie	2	1	Ayrshire	Dookie Flora	Jr. 2 yrs.	17776	9.6.28	273	15½	6,423	4·93	316·70	200	
				Dookie Sapphire	Mature	14720	12.6.28	273	21	7,220	4·48	323·15	350	330
T. Dowson, Wonthaggi	2	2	Jersey	Phyllis 3rd of Warenda ..	Sr. 4 yrs.	21260	9.4.28	273	13	6,039	5·61	338·91	325	
				Riverbank Caroline.. ..	Jr. 3 yrs.	23115	17.6.28	273	N.O.C.	5,575	6·89	384·34	250	248
P. J. Ducat, Ardmona	2	2	Jersey	Meadow Sweet of Kelburn ..	Mature	10235	31.3.28	273	27	9,152	4·59	420·21	350	
				Maybe's Beauty of Airlee ..	Sr. 4 yrs.	16636	24.6.28	273	23	7,485	4·78	357·84	325	
S. Earle, Mericks	2	..	Jersey	Beauty 5th of Somerville ..	Mature	9413	21.5.28	273	5	7,290	3·94	286·87	350	258, 383, 436, 331
				Gwen of Benguella	Sr. 4 yrs.	17425	11.6.28	273	12	6,206	4·38	271·64	325	189
A. E. Ellis, Archie's Creek	2	2	Jersey	Blackwood Grove Sweet Surprise	Jr. 2 yrs.	24347	11.4.28	273	13	5,493	6·48	356·20	200	
				Nellie of Blackwood Grove ..	Sr. 4 yrs.	18702	19.6.28	273	13½	8,256	5·21	430·53	325	236, 350

STANDARD HERD RECORDS—*continued.*

Owner.	No. completed Test.	No. Certificated.	Breed.	Name of Cow.	Age Standard.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Previous Yields of Butter Fat in lb.
									lb.	lb.		lb.	lb.	
A. E. Enders, Stanhope	1	1	Friesian	St. Oran's Gem	Jr. 4yrs.	2319	25.5.28	273	33½	10,752	3·86	415·01	300	332
N. H. Enders, Stanhope	3	3	Jersey	Seville of Kelburn	Mature	12074	17.5.28	273	28	9,590	6·15	577·91	350	
				Buttercup of the Wattles ..	Mature	12910	30.5.28	273	10½	9,036	5·84	527·84	350	430
				Lochlea Roseleaf	Jr. 3 yrs.	23400	24.6.28	273	27	8,288	5·73	475·30	300	
A. Evans, Heywood	1	1	Jersey	Alfalfa of Springhurst ..	Mature	14237	14.4.28	273	27	8,465	5·17	437·86	350	273, 341
A. T. N. Facey, Thomastown	2	1	Ayrshire	Olivedale Joybelle	Sr. 3 yrs.	15384	31.5.28	273	19½	8,590	3·74	321·17	275	274
				Glengowrie Eleanor ..	Sr. 3 yrs.	13441	11.6.28	273	17	7,114	3·47	247·02	275	204
Fairchild and Clutterbuck, Tinamba	2	2	Jersey	Enterprise Tilly	Jr. 2 yrs.	23131	3.4.28	273	14	6,440	4·67	300·79	200	
				Flower of Enterprise ..	Sr. 4 yrs.	10906	27.4.28	273	20	6,639	5·23	347·14	325	
T. R. Findlay, Leitchville	2	2	Jersey	Rose of Colac	Sr. 4 yrs.	14986	13.4.28	273	20½	6,735	5·46	367·60	325	303, 333
				Leven Brae Masterpiece's Dulcie	Sr. 2 yrs.	23137	22.6.28	273	20½	6,474	4·91	317·56	225	307
W. Fixter and Son, Boisdale	1	1	Jersey	Creamy of Olivedale ..	Sr. 3 yrs.	18467	31.5.28	273	14½	6,231	5·54	345·06	275	270, 297
Foster Bros., Boisdale	3	3	Jersey	Heather 3rd of Springhurst ..	Jr. 3 yrs.	18931	5.4.28	240	6	6,765	5·38	363·96	250	316,
				Countess 3rd of Springhurst ..	Jr. 4 yrs.	16965	23.4.28	273	19	6,740	5·48	369·44	300	405, 403
				Tulip 3rd of Springhurst ..	Jr. 4 yrs.	16973	14.5.28	273	20	8,970	5·25	471·20	300	328, 393

STANDARD HERD RECORDS—*continued.*

Owner.	No. completed Test.	No. Certificated.	Breed.	Name of Cow.	Age Standard.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Previous Yields of Butter Fat in lb.
									lb.	lb.		lb.	lb.	
Mrs. M. and W. A. Francis, Kilcunda	2	1	Ayrshire	Hillcrest Lorna	Sr. 2 yrs.	16334	28.4.28	273	15½	5,925	4·44	262 81	225	
				Ena of Hillcrest	Sr. 3 yrs.	12081	16.5.28	210	4	2,063	4·62	95·36	275	184
Estate of late G. Gange, Werribee South	3	3	Ayrshire	Roseleigh Ida	Jr. 2 yrs.	16579	20.4.28	273	10½	5,193	4·45	230 86	200	
				Roseleigh Dorothy	Jr. 2 yrs.	Vol. 21	11.6.28	273	14½	6,013	4 44	266 73	200	
				Roseleigh Bloom	Jr. 4 yrs.	14802	11.6.28	273	8½	8,469	4 32	365 83	300	345
N. R. Gange, Berrybank	2	1	Ayrshire	River Glen Ada	Sr. 3 yrs.	14804	30.3.28	273	7	5,763	4·63	266·87	275	253
				River Glen Daffodil ..	Sr. 2 yrs.	14810	19.4.28	273	9½	6,759	3 89	262 77	225	
Gibson Bros., Trafalgar	4	4	Jersey	Cream Belle 3rd of Gnarbrook	Mature	9446	30.3.28	273	9	7,311	5 59	408 56	350	315, 320, 373
				Eminent's Minnie Maha 6th of Clarendon Eyre	Jr. 4 yrs.	21306	20.5.28	273	22	8,790	5·31	466 94	300	352
				St. Albans Junette	Jr. 4 yrs.	Vol. 16	22.5.28	273	19	8,606	5·50	473 68	300	
				Leathorne Attractive ..	Sr. 2 yrs.	24359	23.5.28	273	15½	5,436	5·19	282·30	225	
A. W. Gorman, Alexandra	1	..	Ayrshire	Laurel of Cathcart ..	Sr. 4 yrs.	12143	28.5.28	273	6½	6,096	4·18	292·47	325	246, 347, 295
F. W. J. Gread, Tongala	1	1	Jersey	Swansea Daphne 4th ..	Jr. 2 yrs.	24375	18.6.28	273	11	4,902	5·32	260 75	200	
J. E. Gunningham, Tahara Bridge	3	2	Jersey	Noble's Wattle of Brookside	Sr. 4 yrs.	17433	10.5.28	273	5	6,578	4 99	328 18	325	
				Golden Dawn of Brookside ..	Sr. 4 yrs.	17430	12.5.28	273	8	5,551	4 61	255 81	325	
				Wattle of Brookside ..	Mature	10236	15.5.28	273	9½	5,258	6·35	333 83	350	
E. Hall, Tongala	1	..	Jersey	The Valley Poppy	Sr. 2 yrs.	23174	6.4.28	273	14	3,809	5·55	211·30	225	

STANDARD HERD RECORDS—*continued.*

Owner.	No. completed Test.	No. Certificated.	Breed.	Name of Cow.	Age Standard.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Previous Yields of Butter Fat in lb.
									lb.	lb.		lb.	lb.	
S. C. Handley, Dandenong	1	1	Jersey	Sunbeam of Enterprise ..	Sr. 3 yrs.	19021	3.5.28	273	18½	6,905	6·04	417·13	275	
J. E. Handbury and Sons, Toora	7	6	Jersey	Tooravale Lassie Fowler 2nd	Sr. 2 yrs	23187	30.3.28	273	17	4,881	6 01	293 41	225	
				Tooravale Maids Princess ..	Jr. 2 yrs.	23188	23.4.28	273	10	4,211	5·76	242·40	200	
				Tooravale Milkmaid ..	Sr. 3 yrs.	18729	10.5.28	273	13½	4,376	6·74	295·08	275	264, 312
				Tooravale Starleigh ..	Sr. 3 yrs.	19907	17.5.28	273	12	4,170	6·50	271 15	275	205, 235
				Tooravale Lassie Fowler ..	Sr. 3 yrs.	18728	8.6.28	273	17	6,519	5·82	379 48	275	313
				Lassie of Strathbow ..	Mature	12205	22.6.28	273	38	12,093	5·13	619·79	350	237, 408, 346, 610, 542
				Tooravale May 2nd.. ..	Jr. 2 yrs.	23189	26.6.28	273	16	5,678	4·94	280·52	200	
G. E. Harker, Yannathan	1	..	Ayrshire	Mena of Glen Locksley ..	Mature	9220	12.6.28	273	10	6,538	4.58	299·33	350	
C. W. Harris, Merino	1	1	Jersey	Goulburn Duchess 8th ..	Jr. 2 yrs.	23197	11.5.28	273	12½	5,524	5·92	326·75	200	
T. Harvey, Boisdale	1	1	Jersey	Empress 7th of Jerseyholm ..	Sr. 2 yrs.	18734	30.4.28	273	10	5,793	5·24	303 83	225	139
H. R. Heard, Derrinallum	2	2	Ayrshire	Craigmore Sylvie	Jr. 2 yrs.	15908	21.4.28	273	9½	5,969	4.09	244.41	200	
				Craigmore Pearl	Jr. 3 yrs.	14922	10.5.28	273	5½	5,046	4.97	250·69	250	
W. Henderson, Grasmere (Home Farm)	2	2	Ayrshire	Lucy 3rd of Carracoorte ..	Mature	9405	9.5.28	273	20½	9,156	4·37	400·15	350	181, 312, 350, 283
				Sparrovale Rhoda	Sr. 2 yrs.	16700	18.5.28	273	18½	8,396	4·06	340·99	225	
W. Henderson, Grasmere (Share Farm)	1	..	Ayrshire	Carracoorte Betsy 18th ..	Jr. 3 yrs.	17444	7.5.28	240	15	4,350	4·40	191·33	250	

STANDARD HERD RECORDS—*continued.*

Owner.	No. completed Test.	No. Certificated.	Breed.	Name of Cow.	Age Standard.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Previous Yields of Butter Fat in lb.
									lb.	lb.		lb.	lb.	
E. H. Howlett, Morwell	1	1	Jersey	Lily of Latrobe	Sr. 4 yrs.	16657	8.5.28	273	25½	7,632	5·06	386·38	325	296, 277
A. Hubbard, Yarra Glen	6	1	Ayrshire	Sweet Violet 4th of Homeleigh	Mature	3215	6.4.28	273	11	6,225	4·27	265·72	350	
				Mary of Sunnyside	Mature	10642	10.4.28	273	14	7,991	4·90	391·42	350	
				Sunnyside Zona	Mature	19040	21.4.28	240	4	5,775	4·69	270·91	350	
				Cosy of Sunnyside	Mature	12962	9.5.28	240	4	5,345	4·15	221·57	350	
				Beauty II. of Homeleigh ..	Mature	6392	25.5.28	240	4	7,825	4·44	347·46	350	
				Princess of Homeleigh ..	Mature	12195	26.5.28	273	13½	5,826	4·87	283·95	350	
J. A. Huffer, Gormandale	1	1	Jersey	Rosebud 2nd of Paradise ..	Mature	13798	1.4.28	273	28	9,282	5·64	523·76	350	399, 401, 418
W. H. Hurry, Koonwarra	1	1	Jersey	Blackwood Valley Little Queen	Sr. 2 yrs.	23221	10.6.28	273	11½	4.073	7·28	296·65	225	285
W. T. Jephson, Gelliondale	1	1	Jersey	Coree Charming Lass ..	Jr. 2 yrs.	24413	27.6.28	273	12	4,236	5·74	243·21	200	
G. A. Kent, Archie's Creek	1	1	Ayrshire	Peeress of Woolamai Park ..	Mature	11156	28.5.28	273	12	8,109	4·46	361·26	350	237, 271, 281
H. W. King, Gormandale	1	1	Jersey	Karoola Honeybee	Jr. 3 yrs.	21389	9.4.28	273	26½	8,118	5·25	426·37	250	412

STANDARD HERD RECORDS—*continued.*

Owner.	No. completed Test.	No. Certificated.	Breed.	Name of Cow.	Age Standard.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Previous Yields of Butter Fat in lb.
									lb.	lb.		lb.	lb.	
T. Knowles, Dandenong	4	3	Ayrshire	Mab of Beleura	Sr. 3 yrs.	14233	30.3.28	240	14	6,105	4·75	289·09	275	
				Limelight of Beleura ..	Jr. 3 yrs.	14230	5.4.28	273	25½	8,370	4·49	376·06	250	
				Gay Ribbon of Gleneira ..	Mature	11741	24.5.28	240	7½	5,805	4·62	268·30	350	
				Gleneira Nicotine	Mature	Vol 21.	10.6.28	273	16½	8,195	4·44	363·53	350	
Lane, K. D., Merino	3	2	Jersey	Destiny Foxglove of Dalray ..	Sr. 2 yrs.	21404	9.6.28	273	18	6,204	5·50	341·44	225	
				Destiny 2nd of Jersey Meadows	Sr. 3 yrs.	18772	9.6.28	273	17	6,187	5·14	317·89	275	
				Coralloid of Jersey Meadows..	Jr. 4 yrs.	16352	18.6.28	273	17	5,103	5·52	281·90	300	
Lennie, Mrs. E. M., Tongala	2	2	Jersey	Buttercup of Jersey Vale ..	Mature	11657	19.4.28	273	32½	9,083	5·22	521·28	350	187, 323, 352, 262, 248
				Myra 3rd of the Valley ..	Sr. 4 yrs.	18494	9.5.28	273	16	7,343	5·26	386·09	325	328, 366
Longerenong Agricultural College, Dooen	7	2	Ayrshire	Holly of Longerenong ..	Mature	12432	4.4.28	273	15	8,147	3·96	322·34	350	287, 367
				Maggie of Longerenong ..	Mature	9792	4.4.28	273	10	6,090	4·26	259·37	350	260, 315, 313, 349
				Anemone of Longerenong ..	Mature	12430	21.4.28	150	4	2,610	4·13	107·71	350	225, 219, 225
				Plume of Longerenong ..	Jr. 4 yrs.	13824	26.4.28	273	7	6,360	4·34	276 20	300	251, 221
				Longerenong Coboca ..	Jr. 2 yrs.	18167	26.5.28	273	N.O.C.	6,590	4·39	289·21	200	
				Maid of Longerenong ..	Mature	12434	6.6.28	150	4	3,945	3·98	157·20	350	190, 165, 196
				Longerenong Ivy	Jr. 3 yrs.	15017	11.6.28	273	10	6,576	4·51	296·32	250	191
Lowing, Mrs. L., Tongala	3	3	Jersey	Our Pines Daisy Belle ..	Jr. 2 yrs.	24451	19.4.28	273	20	5,142	5·12	263·23	200	
				Pansy of the Valley ..	Sr. 3 yrs.	18794	1.5.28	273	21	5,912	5 09	300·68	275	228, 212
				Troed-Yr-Rhiw Golden Dydd	Jr. 2 yrs.	24452	1.6.28	273	22½	5,700	5·14	293·17	200	
Lyon, C. G., Heidelberg	4	4	Jersey	Silvermine 27th of Banyule ..	Mature	11603	1.4.28	273	18½	7,691	5·47	420·73	350	216, 378, 381
				Silvermine 31st of Banyule ..	Sr. 4 yrs.	14197	6.4.28	273	22½	8,129	5·43	441·62	325	373, 373
				Silvermine 29th of Banyule ..	Mature	14195	16.4.28	273	29½	9,899	4·77	471 83	350	330, 387, 482
				Tiddlewinks of Banyule ..	Mature	11613	24.5.28	273	22	8,934	5·51	492·17	350	441, 462, 578

STANDARD HERD RECORDS—*continued.*

Owner.	No. completed Test.	No. Certificated.	Breed.	Name of Cow.	Age Standard.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Previous Yields of Butter Fat in lb.
									lb.	lb.		lb.	lb.	
Macauley, C. W., Rochester	1	1	Jersey	Taranah Gladsome ..	Jr. 2 yrs.	Vol. 16	18.6.28	273	15	5,537	6·34	350·92	200	
McDougal, J., Byaduk	1	1	Jersey	May Queen 2nd of Parkview..	Sr. 4 yrs.	17790	3.4.28	273	16½	7,167	5·40	386·77	325	280, 292
McHutchinson, P. C., Paschendale	2	..	Jersey	Velveteen of Clover Flat ..	Sr. 3 yrs.	19927	5.5.28	273	13½	4,883	5·48	267·60	275	263
				Gem of Clover Flat ..	Sr. 3 yrs.	19023	24·5 28	273	N.O.C.	5,411	4·91	265·90	275	206, 204
MacLeod, H. V., Tyrendarra	2	2	Jersey	Thelma 2nd of Kameruka ..	Mature	10342	9.5.28	273	10½	5,864	6·38	374·33	350	
				Craft of Comely Banks ..	Jr. 4 yrs.	18707	12.6.28	273	12	5,724	6·02	344.66	300	
McNabb, & Son, Irrewillipe East	6	5	Jersey	Hakea of Springhurst ..	Jr. 3 yrs.	18930	2.4.28	273	20	6,549	4·00	262·61	250	225
				Comfrey 2nd of Springhurst ..	Sr. 2 yrs.	21605	4.4.28	273	19½	6,758	4·71	318·30	225	172
				Alsyke 3rd of Springhurst ..	Sr. 3 yrs.	16960	14.4.28	273	10½	5,055	4·92	248·94	275	254, 318
				Tiare of Springhurst ..	Sr. 2 yrs.	21610	1.5.28	273	25½	7,941	5·49	436·12	225	
				Lodestone of Springhurst ..	Sr. 3 yrs.	21608	3.5.28	273	25½	7,775	5·37	417·90	275	357
				Ranunculus 2nd of Springhurst	Jr. 3 yrs.	18937	15.6.28	273	20	6,605	5·57	368·00	250	311
Mapleson, A. J., Jindivick	2	1	Jersey	Twilight of Hazeldale ..	Mature	15552	12.4.28	273	18½	6,864	4·99	342·35	350	339
				Dinkum Rose of Hazeldale ..	Jr. 4 yrs.	17469	5.6.28	273	20	6,064	6·08	368·42	300	319
Masters, R., Swan Hill	2	2	Ayrshire	Muriel of Evergreen ..	Mature	11055	28.5.28	273	13	9,039	4·30	388·41	350	
				Begonia of Sunnyside ..	Mature	7990	23.6.28	273	27½	13,542	4·22	571·46	350	408

STANDARD HERD RECORDS—*continued.*

Owner.	No. completed Test.	No. Certificated.	Breed.	Name of Cow.	Age Standard.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Previous Yields of Butter Fat in lb.
									lb.	lb.		lb.	lb.	
Masters, S. H., Murraydale	2	2	Jersey	Lea Hurst Silk Stockings 3rd	Jr. 3 yrs.	23428	27.5.28	273	20	6,419	5·81	372·83	250	319
				Kingsvale Brunette 21st ..	Sr. 2 yrs.	23313	22.6.28	273	19	9,462	4·94	466·97	225	318
Mesley, T., Dalyston	3	3	Jersey	Madrigal of Warenda ..	Mature	15559	25.4.28	273	28½	10,196	5·59	570·21	350	486, 450, 548
				Agnes 2nd of Warenda ..	Mature	13375	3.5.28	273	26	9,631	5·95	573·34	350	385, 514, 466, 435
				Warenda Wild Flower ..	Jr. 2 yrs.	24501	3.6.28	273	12½	4,488	6·05	271·49	200	
Nathan, C., Tongala	1	..	Jersey	Werribee Day Starbright ..	Jr. 2 yrs.	24525	6.6.28	240*	20	5,370	5·78	310·42	200	
Nicholl, E., Springhurst	6	4	Jersey	Poppy 2nd of Kameruka ..	Mature	12884	4.5.28	273	10	7,304	5·22	381·13	350	
				Daisy Bell of Blowering ..	Sr. 3 yrs.	18876	1.6.28	273	7	5,064	4·95	250·74	275	
				Little Topsy of Blowering ..	Sr. 3 yrs.	18877	8.6.28	273	7½	5,940	4·41	261·78	275	
				Topsy 3rd of Blowering ..	Sr. 3 yrs.	18880	20.6.28	273	5	5,724	5·69	325·43	275	
				Nickie Bar Nyora	Jr. 2 yrs.	24530	25.6.28	273	12	6,302	5·08	319·92	200	
				Phoebe of Blowering ..	Sr. 3 yrs.	18878	26.6.28	240	4	6,570	5·64	370·43	275	
Noble, T. M. and Son, Maffra	1	1	Jersey	Linga Longa Fairy's Handsome Girl	Sr. 3 yrs.	C.R.	18.4.28	273	22	6,756	6·60	446·08	275	336
Overend, Mrs. A. C., Sale	1	1	Jersey	Kirsty 18th of Jerseyholm ..	Sr. 3 yrs.	18738	6.5.28	273	10	4,863	5·75	279·77	275	

* Herd withdrawn before completion.

STANDARD HERD RECORDS—*continued.*

Owner.	No. completed Test.	No. Certificated.	Breed.	Name of Cow.	Age Standard.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Previous Yields of Butter Fat in lb.
									lb.	lb.		lb.	lb.	
Parbury, W., Warburton	10	7	Jersey	Sunshine 9th of Brookfield ..	Sr. 2 yrs.	18900	15.4.28	273	13	5,264	5·15	270·86	225	195
				Betty 8th of Brookfield ..	Jr. 2 yrs.	21550	23.4.28	210	4	2,205	6·03	132·89	200	
				Songstress 8th of Brookfield	Jr. 2 yrs.	21569	5.5.28	273	13½	4,661	6·33	294·97	200	
				Clementine 3rd of Brookfield	Jr. 3 yrs.	21552	5.5.28	150	4	1,395	5·81	81·02	250	
				Jewel 6th of Brookfield ..	Jr. 2 yrs.	21560	6.5.28	273	18½	5,546	4.77	264·59	200	
				Verbena 11th of Brookfield ..	Jr. 2 yrs.	21574	10.5.28	273	13	4,604	5·28	243·31	200	
				Golden Leaf 10th of Brookfield	Sr. 2 yrs.	21555	11.5.28	273	16	4,845	5·42	262·43	225	
				Verbena 7th of Brookfield ..	Mature	15596	29.5.28	273	17	6,116	4·63	283·40	350	299, 281
				Golden Maid 4th of Brookfield	Sr. 2 yrs.	21557	14.6.28	273	14½	5,828	5·27	307·20	225	
				Songstress 9th of Brookfield	Jr. 2 yrs.	21570	16.6.28	273	12	4,902	4·76	233·30	200	
Phillips, J., Murraydale	1	1	Jersey	Empire of Peri	Jr. 4 yrs.	18913	11.6.28	273	11½	5,213	6·02	313·92	300	309, 206
Plattfuss, J., Tongala	1	1	Friesian	Springfield Ideal Keys ..	Mature	980	20.5.28	273	26	12,022	3·10	372·83	350	211, 257, 354, 428
Poole, Mrs. M.A., Caldermeade	1	..	Ayrshire	Bona Vista Marcia	Jr. 4 yrs.	12428	30.3.28	273	15½	6,785	4·40	298·85	300	303, 316, 221
Purnell, R., Moriac	1	1	Jersey	Lady Jane 2nd of Narrawong	Jr. 2 yrs.	24556	13.4.28	273	16	4,814	5·62	270·52	200	
Quigley and Bennett, Yinnar	1	..	Jersey	Kirsty 13th of Jerseyholm ..	Mature	12944	18.5.28	273	13½	6,459	5·13	331·58	350	345, 295

STANDARD HERD RECORDS—*continued.*

Owner.	No. completed Test.	No. Certificated.	Breed.	Name of Cow.	Age Standard.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test	Milk.	Average Test.	Butter Fat.	Standard required.	Previous Yields of Butter Fat in lb.
									lb.	lb.		lb.	lb.	
Raggatt, F., Tongala	2	1	Jersey	Goldy 2nd of Strathbow ..	Sr. 4 yrs.	16742	2.4.28	273	4	4,832	6·03	291·59	325	283, 304
				Colina of Methven	Mature	12906	22.4.28	273	19	6,172	6·23	384·61	350	308, 324, 425, 337
Raleigh, Miss H. E., Pakenham Upper	1	1	Jersey	Stella Twylish of Goronga Farm	Sr. 3 yrs.	21596	26.5.28	273	18	7,347	5·48	402·97	275	277
Read, J. D., Springhurst	12	12	Jersey	Melilot of Springhurst ..	Mature	9659	20.4.28	273	16	8,922	5 29	471·75	350	281, 350, 367, 507, 454, 507, 381
				Shaster Daisy 2nd of Springhurst	Jr. 2 yrs.	21609	20.4.28	273	11½	3,876	6·76	261 83	200	
				Nardoo of Springhurst ..	Sr. 2 yrs.	18936	24.4.28	273	20½	7,506	6 10	457 83	225	301
				Tomato of Springhurst ..	Jr. 3 yrs.	18939	30.4.28	273	32	10,339	5·15	533 47	250	302
				Aconite of Springhurst ..	Sr. 2 yrs.	21598	5.5.28	273	20½	7,709	5 41	416 85	225	
				Cornflower 5th of Springhurst	Jr. 2 yrs.	21606	5.5.28	273	16	4,973	6 04	300·57	200	
				Laburnum of Springhurst ..	Mature	14249	6.5.28	273	5½	7,295	5 46	393 75	350	324, 421, 413
				Chrysanthemum 2nd of Springhurst	Sr. 2 yrs.	18927	8.5.28	273	19	6,639	5 73	380·43	225	232
				Chillie 2nd of Springhurst ..	Jr. 3 yrs.	18926	9.5.28	273	22	8,813	5 29	466·16	250	293
				Remneya 2nd of Springhurst	Jr. 3 yrs.	16970	13.5.28	273	16	8,369	5 17	432·42	300	345, 354
				Azalea 2nd of Springhurst ..	Jr. 4 yrs.	16961	13.5.28	273	26	8,870	6 39	566·76	300	312, 351
				Springhurst Medick 2nd ..	Jr. 2 yrs.	24565	12.6.28	273	12	4,527	6·47	293 06	200	
Reenelr, W., Poowong	2	..	Friesian	Clover Hill Beaumode ..	Jr. 4 yrs.	Vol. 8, App. 4	20.5.28	273	15½	7,136	3·85	274·96	300	258
				Clover Hill Heather Bell ..	Mature	Vol. 8, App. 4	20.5.28	273	6	6,724	3·88	260·85	350	238
Sandles, W. A., Mt. Best	1	1	Jersey	Joyce of Franklin Park ..	Sr. 2 yrs.	2164	13.5.28	273	12	5,784	5·45	315·13	225	
Schier, A. H., Kernot	1	..	Ayrshire	Scotswood Bud	Sr. 3 yrs.	15173	16.5.28	273	16½	6,252	4 26	266·14	275	175
Schlipalius, A. J., Kilmany South	2	2	Jersey	Princess Ida of Cloverfield ..	Mature	11709	20.4.28	273	21½	6,299	5·57	350·73	350	259, 354, 355, 224
				Butterfly of Fairbanks ..	Sr. 2 yrs.	18962	27.6.28	273	18½	5,501	5·70	313·49	225	185

STANDARD HERD RECORDS—*continued.*

Owner.	No. completed Test.	No. Certificated.	Breed.	Name of Cow.	Age Standard.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test.	Milk.	Average Test.	Butter Fat.	Standard required.	Previous Yields of Butter Fat in lb.
									lb.	lb.		lb.	lb.	
Sharp, C. L. V., Murrabit	1	1	Friesian	Burnbank Manor Kroons ..	Sr. 3 yrs.	2381	11.5.28	273	23½	8,817	3·40	300·20	275	189
Simpson and Son, Lower Ferntree Gully	4	4	Jersey	Heather Bell of Aberdour ..	Jr. 3 yrs.	18972	1.4.28	273	20	7,329	5·30	388·75	250	254
				Daisy 8th of Melrose ..	Mature	10362	24.5.28	273	20	8,745	5·32	465·67	350	422, 356, 437
				Leonie of Clarendon Eyre ..	Mature	9578	26.5.28	273	17	9,276	5·09	472·48	350	353, 418, 393, 390
				Beauty 4th of St. Albans ..	Mature	15440	5.6.28	273	20	9,945	6·01	598·10	350	273, 485
Smith and Sons, Woodend	1	1	Friesian	Darenth Black Rose ..	Jr. 2 yrs.	2727	6.4.28	273	33½	10,238	3·37	344·97	200	
O. J. Syme, Macedon	2	2	Friesian	Bolobek Trixy	Sr. 3 yrs.	2106	26.4.28	273	35½	14,895	3·72	554·72	275	545
				Bolobek Tilly	Sr. 2 yrs.	2366	30.4.28	273	28	9,912	4·05	401·24	225	
Thompson, J., Mooroopna	1	1	Jersey	Wooddale Bonnie Belle ..	Sr. 2 yrs.	21697	4.6.28	273	21	6,506	5·18	336·79	225	
Tuckey, J. F., Alberton	1	1	Ayrshire	Idea of Tregorland	Mature	6028	22.5.28	273	20	9,045	5·05	456·91	350	294, 416, 328
Tweddle, J. T., Clyde	1	..	Friesian	Burnbank Mercedes Patch ..	Mature	1521	27.5.58	120	4	4,785	3·38	161·50	350	430, 267
Vagg, E. J., Leongatha	1	1	Jersey	Bonnay Jessamine	Sr. 2 yrs.	23489	7.6.28	273	20½	7,014	6·20	434·86	225	

STANDARD HERD RECORDS—*continued.*

Owner.	No. completed Test.	No. Certificated.	Breed.	Name of Cow.	Age Standard.	Herd Book No.	Date of Calving.	Days in Test.	Milk last Day of Test	Milk.	Average Test.	Butter Fat.	Standard required.	Previous Yields of Butter Fat in lb.
									lb.	lb.		lb.	lb.	
Wallace, A., Bendigo	1	1	Ayrshire	Spring Dale Belle	Sr. 2 yrs.	15622	1.6.28	273	23½	8,942	3·91	349·34	225	
Webb, H. T., Sunbury	3	2	Ayrshire	Merit of Holly Green ..	Jr. 4 yrs.	12925	31.3.28	273	4	7,544	4 50	339 18	300	289, 289
				Quest of Holly Green ..	Sr. 3 yrs.	14280	15.4.28	273	24½	10,874	3 84	417·09	275	
				Mirth of Holly Green	Sr. 3 yrs.	14278	22.4.28	273	7½	4,929	4 05	199·56	275	225
Webb, S. K., Neerim North	1	..	Jersey	Springdale Butter Girl ..	Sr. 4 yrs.	24645	12.6.28	273	9½	4,289	5·99	257·02	325	
Wilson, D. C., Derrinallum	3	2	Jersey	Ayton Law Noble Topsy ..	Jr. 2 yrs.	21748	12.5.28	273	12	4,786	5·16	246 99	200	
				Silvie's Fern of Kinross ..	Sr. 2 yrs.	21751	9.6.28	273	16	6,452	5·54	357·47	225	
				Silvie of Titanga	Mature	9718	13.6.28	273	9½	6,685	4·72	315·42	350	
Willis, A. C., Paschendale	2	2	Jersey	Gay Lass of Clover Flat ..	Mature	17512	25.5.28	273	15½	7,619	4 97	378 85	350	282, 359, 376
				Dainty Lass of Carney Dell ..	Sr. 3 yrs.	19022	1.6.28	273	7½	6,743	4·67	314 86	275	205
Wood, J. V. M., Heidelberg	4	4	Jersey	Betty of Sunnyford ..	Mature	16765	28.4.28	273	15	6,467	5·84	377·37	350	187, 370
				Bluebell of Farrington ..	Sr. 4 yrs.	21771	30.4.28	273	20	7,404	5·44	403·07	325	317
				Tressy of Sunnyford ..	Sr. 4 yrs.	16766	30.4.28	273	17½	7,167	6·44	461·45	325	402
				Araluen Chloe	Sr. 3 yrs.	19974	26.6.28	273	15½	6,383	5·90	376·85	275	338
Woodmason, W., Oakleigh	6	6	Jersey	Lassie Fowler 13th of Melrose	Sr. 4 yrs.	16787	1.4.28	273	23	7,257	6·37	462·48	325	218, 367, 324
				Handsome Girl 12th of Melrose	Mature	19034	4.4.28	273	15	6,511	6·05	394 13	350	318, 322
				Melrose Empire 9th ..	Mature	23529	14.4.28	273	18½	8,189	5·50	450 01	350	343, 446, 410
				Laura 15th of Melrose ..	Mature	16788	14.4.28	273	16	6,547	6·40	419·30	350	400, 414
				Rarity 14th of Melrose ..	Mature	19978	23.4.28	273	19	8,588	5·23	449·23	350	448
				Melrose Lassie Fowler 16th ..	Jr. 2 yrs.	C.R.	25.5.28	273	13½	4,286	6·22	266·64	200	

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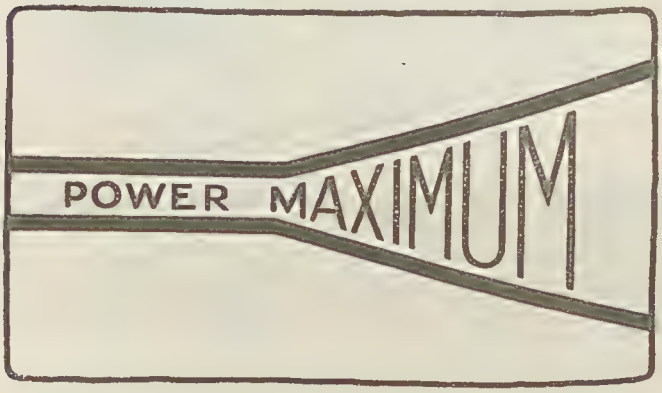

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